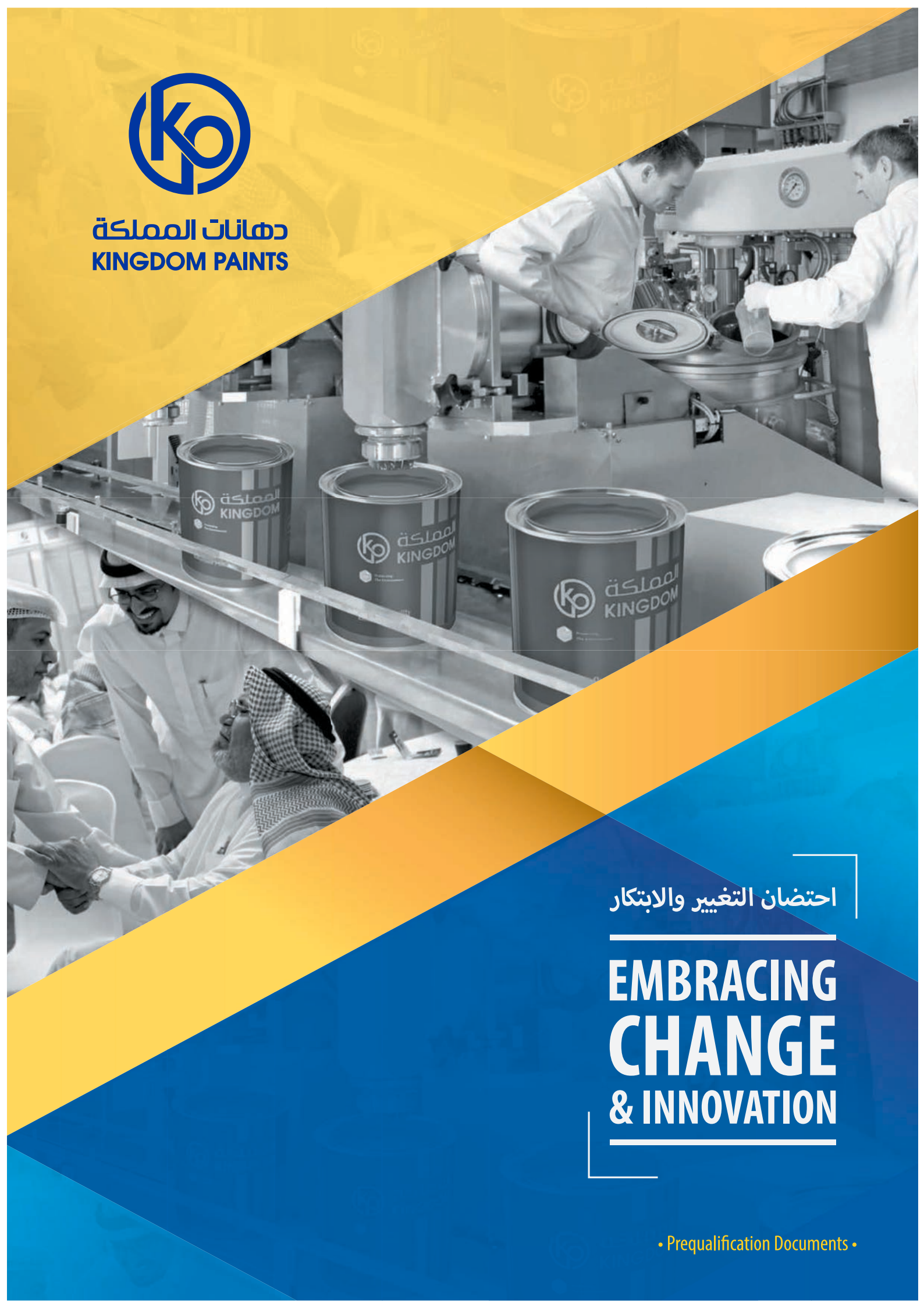




دھانات المملكة  
KINGDOM PAINTS



احتضان التغيير والابتكار

# EMBRACING CHANGE & INNOVATION

• Prequalification Documents •

# Statement

## Continuing to take on new challenges.

Since our inception in 2002, we have been witness to a radically changing business environment; domestically and globally. Kingdom Paints has adapted to the changes and successfully evolved and diversified. Today, our corporate standing is a testament to this ability. Throughout the years, we have allowed our business philosophy to mature, yet remain flexible. This approach has eased the integration and management of our diversification and evolution.

We believe adaptability and innovation give us our competitive edge, keeping a watchful eye on the business environment and constant process improvements. Our corporate values center around our customers: honesty in all our relationships, integrity in financial commitments; uncompromising quality, & individual empowerment. These ideals define our reputation today.

As we look forward to a challenging and rewarding future, Kingdom Paints stands committed to the philosophies and ideals that have brought us so far. As we expand and diversify, seeking new frontiers to explore and develop, we are confident that our values will guide us on the right path.



***“We believe adaptability & innovation  
give us our competitive edge.”***

**Abdullah Bin Mahdi Al Qahtani**  
Vice President & Managing Director



# Inception

Kingdom Paints Factory Co. is a Saudi-owned paint company, established in 2002 by founder and chairman Mahdi Bin Saeed Al Qahtani. Located in the industrial estate of Khamis Mushayt, the factory operates its paint production using the latest machinery and technology from Germany and leverages know-how from international specialists and research partners in the paints and chemical industry.

Kingdom Paints began its journey in the southern region, producing & supplying paint products for residential and commercial requirements. The products, introduced and distributed to the market under the trade name "Kingdom Paints," quickly became a popular choice throughout the southern region due to their excellent quality and competitive pricing. Capitalizing on the brand's potential, Kingdom Paints expanded further to the eastern and central regions of the country. The company invested in dealerships and showrooms where demand is strategically greater and launched entry-level products to serve niche and mid-tier markets. These advances opened new business opportunities for the company in the industrial and government sectors, enabling them to supply high-performance paints to major construction and infrastructure projects in Saudi Arabia.

Since then, Kingdom Paints has grown consistently while aggressively competing with prominent local and international paint brands, maintaining its strong presence in the saturated and highly competitive Saudi paint market.

# Corporate Philosophy

With the raising of the level of customer satisfaction constituting the predominant theme of management, we shall aim to provide optimal levels of quality, delivery times, costs, and services and engage in corporate activities accordingly.

Through paints technologies, it is our goal to be a constantly growing, future-oriented corporate group, trusted by partners and the general public.

Based on compliance with laws and social norms, we shall observe public order as well as contribute to society through conscientious and fair corporate activities.

We are committed to building a rewarding workplace that respects the independence and creativity of employees, encourages employees to have goals, & permits fair evaluations.

## Our Values

**Honesty, Integrity & Quality.**

## Our Vision

**To grow our business, while decoupling our environment footprint and increasing our positive social impact.**





# Core Competence

Kingdom Paints provides superior paints and services for a wide range of clients across the public and private sectors, as well as individual households, serving both the domestic and regional markets. Kingdom Paints brings a fresh and innovative approach to its products, acting as a source of expertise for its clients and partners. We aim to exceed the expectations of every client by offering outstanding customer service, increased flexibility, and greater value-added products, thus optimizing the value for money for our clients.

We have accumulated experience for more than 20 years now, developing its management, technical and sales staffs to be always at the service of our clients, with increasingly innovative and creative approaches for construction and assistance related to system, specifications, surface treatment and preparation, product information, color mix and selection, and application methods. Our extensive expertise and skills encompass all aspects of production, application and decoration for corporate and individuals, including provision of optimal solutions for business requirements, and development of functional specifications and decorative-oriented application. Our team is always willing and prepared to attend to client's requests promptly and efficiently.

A determinant of the success of the company is its high level of competitiveness gained over the years, thanks to the introduction of higher quality products with exceptional value for money and to our highly specialized product customization service, all in utmost respect for the health & wellbeing of our workers, customers and end-users.



## Kingdom Paints welcomes the challenges of today's society and aims to be the protagonists of change.

Innovation, sustainability and environmental conservation  
are all opportunities for growth that fully accord  
with the company's vision.







دهانات المملكة  
KINGDOM PAINTS

# General Information

## KINGDOM PAINTS FACTORY CO.

Registration No.: 5855024347  
Incorporation Date: November 17, 2002  
Address: Khamis Mushayt, P.O. Box 3180  
zip code: 61961 Kingdom of Saudi Arabia  
Tel: +966 17 2381111  
Fax: +966 17 2382610  
Email Address: [info@kingdompaints.sa](mailto:info@kingdompaints.sa)  
Website: [www.kingdompaints.sa](http://www.kingdompaints.sa)

## PRINCIPAL ACTIVITIES

Paints Manufacturer, Supplier, Contractor

## MAIN PRODUCTS

Water based Paints / Solvent based Paints / Decorative Texture Paints /  
Primers & Sealers / Wall Putty / Waterproofing & Antirust Paints / Road marking Paints /  
Woodstains & Varnishes / Flooring & Paving Paints / Thinners

## REGISTERED CONTRACTORS

Kingdom Group Contracting, K.S.A.

## DIRECTORS

Mr. Mahdi Saeed Al Qahtani / Chairman  
Mr. Abdullah Bin Mahdi / Vice President  
Mr. Sultan Al Qahtani / CEO

## WORKFORCE

Total : 98 Personnels





دهانات المملكة  
KINGDOM PAINTS

# Compliance Certificates

Kingdom Paints Factory Co. operations, services and product lines are certified by the Saudi Standards, Metrology and Quality Organization (SASO), ISO 9001:2015 Quality Management Systems, accredited testing laboratories, and endorsed by major governmental institutions in Saudi Arabia.

These approbations enable us to strengthen our commitments to providing better and safer products, stronger customer relationship, and the assurance of better quality of life for our employees.



THE CERTIFICATION  
INTERNATIONAL



الهيئة العامة للأرصاد وحماية البيئة  
The General Authority of Meteorology and Environmental Protection



أرامكو السعودية  
saudi aramco







دھانات المملكة  
KINGDOM PAINTS

# Commercial Registration

**Translation Office**  
**certified Translation**  
(706)  
C.R: 5855069516  
Membership No: 701001163620

**مكتب المترجم الجديد**  
**للترجمة المعتمدة**  
ترخيص رقم (٧٠٦)  
س.ت: ٥٨٥٥٠٦٩٥١٦  
عضوية رقم: ٧٠١٠٠١٦٣٦٢٠

Kingdom of Saudi Arabia  
Ministry of Commerce & Investment

No: 5855024347  
Date: 17/03/2003

---

## Company's Registration Certificate

Company's Standard No.: 7001454888

Company's Business Name: **Kingdom Paints Factory Company**

Nationality: <b>Saudi</b>	Type: <b>Limited Liability Company (L.L.C)</b>	
Company Duration: <b>99 years</b>	From: <b>17/03/2003</b>	Until: <b>31/03/2013</b>
Registered Office: <b>Khamis Mushait - Al-Amarah - Industrial Area - rented from the Ministry of Industry</b>		
P.O. Box: <b>3180</b>	Zip Code:	Tel. <b>4266644</b> Fax: <b>4286992</b>

**ACTIVITY** / Manufacture of paints, manufacture of varnishes (polishing materials), manufacture of prepared pigments and opaques, manufacture of enamel or porcelain paint pastes, manufacture of coloring materials used in making paints, and coloring materials used by artists and others, manufacture of organic compound solvents and thinners, including (manufacture of paint removing preparations). or varnish), the manufacture of printing inks.

**Capital: 3000000 Saudi Riyals**

**Board of Directors:**

- 1- AQAHTANI, MAHDI SAEED F
- 2- AQAHTANI, ABDULLAH MAHDI S
- 3- \_\_\_\_\_
- 4- \_\_\_\_\_
- 5- \_\_\_\_\_
- 6- \_\_\_\_\_
- 7- \_\_\_\_\_
- 8- \_\_\_\_\_

Authorities and Powers entrusted to members of board of directors: As per stipulated in articles of association

**Khamis Mushait Commercial Registration Office** certifies that the company mentioned above was registered in **Khamis Mushait** city Register.

This certificate is valid until **13/04/2023** as per receipt #: **54480884** dated **18/04/2020**

**Director of Corporations Commercial Registry**  
(Signed)  
**ABDULMOHSEN IBRAHIM ALTASAN**

To verify the information of the certificate visit <http://v.mci.gov.sa>

920033074 - 0115102468

WWW.ALMOTARJIM.NET

0172227276

almotrjm

@almoterjimmsa

0500496699



دھانات المملكة  
KINGDOM PAINTS

# Ministry of Commerce & Investment

رؤية 2030  
الجمهورية العربية السعودية  
KINGDOM OF SAUDI ARABIA



وزارة التجارة  
Ministry of Commerce

شهادة تسجيل الشركة

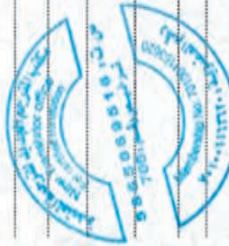
٧٠٠١٤٥٤٨٨٨

الرقم: ٥٨٥٥٠٢٤٣٤٧

التاريخ: ١٤٤٤/٠٩/٢٢ هـ

الاسم التجاري للشركة: شركة مصنع دهانات المنكفة  
نوعها: ذات مسئولية محدودة  
مدة الشركة: ٩٩ سنة  
مركزها الرئيسي: خميس مشيط - العنبره - المدينة الصناعية - مستأجر من وزارة الصناعة  
ص ب: ٣١٨٠  
الرمز البريدي: هاتف:

النشاط: صناعة الدهانات، صناعة الورنيشات ( مواد الصقل )، صناعة الخشب المحضرة ومضات الأوران ، صناعة معاجين طلاء المينا أو الخزف، صناعة مواد التلوين المستخدمة في صنع الدهانات ، ومواد التلوين المستخدمة من القاتين وغيرهم ، صناعة المذيبات والمخففات المرعبة العضوية ، يشمل ( صناعة محضرات إزالة الدهانات أو الورنيش )، صناعة أحبار الطباعة



رأس المال: ٣٠٠٠٠٠٠٠٠ ريال سعودي  
المديرون:  
١ مهدي سعيد فهد القحطاني  
٢  
٣  
٥  
٧  
٩  
١١

٢ عبدالله مهدي سعيد القحطاني  
٤  
٦  
٨  
١٠  
١٢

سلطات المدير/المديرون: حسب ما نص عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة: خميس مشيط  
وتنتهي صلاحية الشهادة في: ١٤٤٤/٠٩/٢٢ هـ بموجب الإصدار رقم: ٥٤٤٨٠٨٨٤ وتاريخ: ١٤٤١/٠٨/٢٤ هـ  
خمس مشيط



يمكنك التحقق من صحة هذه الشهادة بالدخول على <http://v.mci.gov.sa>

مدير السجل التجاري للشركات: عبد المحسن بن إبراهيم الحمد

التوقيع:

To verify the information of this certificate visit <http://v.mci.gov.sa>





دھانات المملكة  
KINGDOM PAINTS

# Ministry of Energy, Industry & Mineral Resources

## ترخيص منشأة صناعية - وطني

رقم ( ٢٨٢ ) بتاريخ: ٢٠٢١/٠٢/١٤ هـ

تجديد للترخيص رقم ( ٧٨٢ ) بتاريخ: ٢٠٢٣/٠٢/١٤ هـ



٥٨٥٥٠٢٤٣٤٧	السجل التجاري للمنشأة	١٢٠٧٨٢	رمز المنشأة	شركة مصنع دهانات المملكة	اسم المنشأة
٢٢٨٢٦١٠	فاكس	٢٣٨١١١١	هاتف	خبوس مشيط (E42.6627614 - N18.3385307)	موقع المنشأة
				شركة مصنع دهانات المملكة ( رقم السجل التجاري: ٥٨٥٥٠٢٤٣٤٧ / الجنسية: السعودية )	ملكية المنشأة
				صنع الدهانات والورنيشات والطلاءات المسائلة، واحبار الطباعة والمعاجين المستحكية	النشاط الرئيسي
				الوحدة	الطاقة الإنتاجية
				رمز المنتج	٤٠٠٠
				دعوات متفرقة	٣٢٠٧٣٠٠٠
				معاجين	٣٢١٤١٠٢٠
				طن	طن
				طن	١٠٠٠٠

النشاط الصناعي

صناعة الدهانات - ٢٠٢٢١٠

صناعة معاجين طلاء لمينا أو الخزف - ٢٠٢٢٤٠

تفريغ

وزير الطاقة والصناعة والثروة المعدنية

خالد بن عبدالعزيز الفالح

عدد العمالة ٢٠٠ (مئتان) فردا

إجمالي التمويل ٣ (ثلاثة) مليون ريال

ملاحظة هامة: التعليمات خلف الترخيص متممة له

تنتهي صلاحية الترخيص بتاريخ: ٢٠٢١/٠٢/١٤ هـ





دهانات المملكة  
KINGDOM PAINTS

# VAT Registration Certificate



تاريخ الترخيص : ١٤٣٩/٠٢/٢٢ هـ  
الرقم المميز : ٣٠٠٦٥٧١٥٧٣



الهيئة العامة للزكاة والدخل  
GENERAL AUTHORITY OF ZAKAT & TAX

المملكة العربية السعودية  
الهيئة العامة للزكاة والدخل  
GENERAL AUTHORITY OF ZAKAT & TAX  
(١٨٥)

## شهادة CERTIFICATE

### شهادة تسجيل في ضريبة القيمة المضافة VAT registration certificate

تشهد الهيئة العامة للزكاة والدخل بأن المكلف : شركة مصنع دهانات المملكة  
مسجل في ضريبة القيمة المضافة بتاريخ : ١٤٣٩/٠٢/٢٢ هـ ، وتحمل الرقم الضريبي : ٣٠٠٦٥٧١٥٧٣٠٠٠٠٣

عنوان المركز الرئيسي :  
المدينة : خميس مشيط الحي : العماره  
صندوق البريد : الرمز البريدي : ٦١٩٦١  
الهاتف : ٠٠٩٦٦٥٦٦٨٤٥٥٠٠

الهيئة العامة للزكاة والدخل



هذه الوثيقة مرسله من النظام الآلي ولا تحتاج إلى توقيع





دهانات المملكة  
KINGDOM PAINTS

# General Authority of Zakat & Tax



رقم الشهادة: ١٩٠٦٧١٢٤٩٠  
التاريخ: ١٤٤١/٨/٢٠ هـ  
الرقم المميز: ٣٠٠٦٥٧١٥٧٣



الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax

المملكة العربية السعودية  
الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax

## شهادة CERTIFICATE

تشهد الهيئة العامة للزكاة والدخل بأن المكلف / شركة مصنع دهانات المملكة  
شركة رقم ٧٠١٤٥٤٨٨٨ وسجل تجاري رقم ٥٨٥٥٠٢٤٣٤٧ رخصة رقم ١٥٨٨  
قدم إقراره عن الفترة المنتهية في ٢٠١٩/١٢/٣١ م

وقد منح هذه الشهادة لتمكينه من إنهاء جميع معاملاته بما في ذلك صرف مستحقاته  
النهائية عن العقود.

يسري مفعول هذه الشهادة حتى تاريخ ١٤٤٢/٩/١٨ هـ الموافق ٢٠٢١/٠٤/٣٠ م.  
(الثامن عشر من رمضان ألف و أربعمئة و اثنان و أربعون هجري)

الفروع ( ١ ) في النموذج المرفق



الختم الرسمي

هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع

لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة [www.gazt.gov.sa](http://www.gazt.gov.sa)



دهانات المملكة  
KINGDOM PAINTS

# General Authority of Zakat & Tax



رقم الشهادة: ١٩٠٦٧١٢٤٩٠  
التاريخ: ١٤٤١/٨/٢٠ هـ  
الرقم المميز: ٣٠٠٦٥٧١٥٧٣



الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax

المملكة العربية السعودية  
الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax

قائمة فروع المكلف شركة مصنع دهانات المملكة  
رخصة رقم ١٥٨٨

رقم السجل	الرخصة	إسم الفرع	المدينة
١٠١٠٢٩٢٩٣٥		فرع شركة مصنع دهانات المملكة	الرياض



الختم الرسمي

هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع

لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة [www.gazt.gov.sa](http://www.gazt.gov.sa)



دھانات المملكة  
KINGDOM PAINTS

# General Organization of Social Insurance

التاريخ ١٤٤١/١١/٠٣  
الموافق ٢٠٢٠/٠٦/٢٤  
رمز الشهادة ٣٣٥٨٥٨٩٢



## شهادة

إسم المنشأة : شركة / مصنع دھانات المملكة  
ص.ب : ٣١٨٠ خميس مشيط ٦١٩٦١  
السعودية  
رقم الإشتراك : ٥٠٠٧٦٥٢١٦  
رقم السجل التجاري : ٥٨٥٥٠٢٤٣٤٧  
مصدره : خميس مشيط

رقما	كتابة	عدد المشتركين السعوديين
٧	سبعة مشتركين	عدد المشتركين غير السعوديين
٤٢	اثنان و اربعون مشتركا	المجموع
٤٩	تسعة و اربعون مشتركا	

تشهد المؤسسة العامة للتأمينات الإجتماعية بأن المنشأة المذكورة أعلاه قد أوفت بالتزاماتها تجاه المؤسسة وفق البيانات المقدمة منها حتى تاريخ إصدار هذه الشهادة ، والتي تم منحها لتقدمها لأية جهة تطلبها ، وهي صالحة لجميع الأغراض التي نص عليها نظام التأمينات الإجتماعية في المادة (٦/١٩) منه .  
هذه الشهادة سارية المفعول حتى ١٤٤١/١٢/٠٣ هـ .



يلزم التحقق من صحة وصلاحيه الشهادة عبر زيارة الرابط  
أدناه في الموقع الإلكتروني للمؤسسة العامة للتأمينات الإجتماعية  
أو عن طريق استخدام  
الرمز المعرف التالي :

[www.gosi.gov.sa/vc](http://www.gosi.gov.sa/vc)

( الشهادة معتمدة من صاحب الصلاحيه ولا تحتاج إلى توقيع أو ختم )

ننهادة

[www.gosi.gov.sa](http://www.gosi.gov.sa)  
800 1243344



تعد هذه الشهادة من الوثائق الإلكترونية الحكومية الرسمية ، ويحظر قطعها تقليدها أو إدخال أي تعديلات عليها سواء بالإضافة أو الحذف أو التغيير في بياناتها أو غير ذلك من أنواع التعديل ، وتعد الشهادة لاغية إذا شابها شيء من ذلك ، كما تعرض صاحبها للملاحقة النظامية أمام الجهات المختصة بالإضافة إلى مايفرضه نظام التأمينات الإجتماعية من عقوبات ، ولايجوز تداول الشهادة إلا في الأغراض التي أصدرت لأجلها وفقا لأحكام نظام التأمينات الإجتماعية ، والمؤسسة العامة للتأمينات الإجتماعية غير مسؤولة عن أي آثار أخرى مترتبة قبل الغفر عن الشهادة وغير مسؤولة عن أي عملية تزوير أو تعديل تتم على البيانات الواردة فيها .

GOSI  
التأمينات الإلكترونية  
إمساكنك من ممتلكات





دهانات المملكة  
KINGDOM PAINTS

# Ministry of Labor & Social Development

رؤية  
VISION 2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

وزارة العمل  
والتنمية الاجتماعية  
المملكة العربية السعودية

## شهادة سعودة

تاريخ الإصدار : ١٤٤١/٣٧.٥

تاريخ صلاحية الشهادة : ١٤٤١/٦/٨

رقم الشهادة : ٢ ..... ١٩١١ ..... ٢

اسم المنشأة: شركة مصنع دهانات المملكة

رقم الملف: ٨٣٨٩١-١١

سجل تجاري: ٥٨٥٥. ٢٤٣٤٧

الصادر من: خميس مشيط

تشهد وزارة العمل والتنمية الاجتماعية بأن المنشأة المذكورة أعلاه حققت نسب التوطين المطلوبة منها..  
وتم منحها هذه الشهادة حسب طلبها

(الشهادة معتمدة من صاحب الصلاحية ولا تحتاج إلى توقيع أو ختم)

تنبيهات:

١ - يمكن التحقق من صحة وصلاحية الشهادة عبر زيارة الرابط:

٢ - في حال اكتشاف أي عملية تزوير في الشهادة المقدمة ترحو التبليغ عن ذلك بخطاب رسمي للأفرب مكتب عمل.



دھانات المملكة  
KINGDOM PAINTS

# ISO-9001:2015



THE CERTIFICATION  
INTERNATIONAL

## CERTIFICATION OF REGISTRATION

This is to certify that  
**Quality Management Systems**  
of  
**KINGDOM PAINTS FACTORY COMPANY**  
Aseer Industrial City, P.O. Box No. 3180, Khamis Mushait - 61961,  
Saudi Arabia.

Has been assessed and found to meet the requirements of:

### ISO 9001:2015

The certificate is valid for the following scope of operation:

**Manufacture of Decorative Paints, Industrial Paints Wood  
Coating, Printing Ink and Aerosol.**

Certificate No. Q-01227

Original Issue Date: 10/11/2022 Issue Date: 10/11/2022 Valid Till: 09/11/2025  
1<sup>st</sup> Surv. Due on: 25/10/2023 2<sup>nd</sup> Surv. Due Before: 25/10/2024

\*After successful completion of surveillance audit, new certificate shall be issued

In the course of validity of the present certificate client management system must permanently satisfy the requirements of the International Regulations. The fulfillment of these regulations will be regularly controlled by The Certification International.



  
Director

### The Certification International

Website: [www.thecertification.org](http://www.thecertification.org) Email: [info@thecertification.org](mailto:info@thecertification.org)  
Accreditation by United Accreditation Foundation  
3510, Colmar, Norfolk 23509, VA, United States of America (USA)

To check certification status: <http://uafaccreditation.org/list-organisation-certified-uaf-accredited-certification-bodies>





دهانات المملكة  
KINGDOM PAINTS

## Saudization Certificate

QIWA  
قيوة



### شهادة التوطين

رقم الشهادة	776820-85864312
تاريخ الإصدار	30/04/2024
تاريخ انتهاء الصلاحية	29/07/2024
تاريخ التجديد/التحديث	—
حالة الشهادة	تم التحقق
اسم المنشأة	شركة مصنع دهانات المملكة
رقم المنشأة	11-83891
رقم السجل التجاري	5855024347
رقم المنشأة الموحد	7001454888
مستوى نطاقات	اخضر منخفض
معدل التوطين	24%



The Ministry of Human Resources and Social Development certifies that the above mentioned Establishment has achieved the required Saudization rate and has been granted this certificate upon request.

The certificate is electronically generated and approved by the authority. It does not require any signature or stamp.

تشهد وزارة الموارد البشرية والتنمية الاجتماعية بأن المنشأة المذكورة أعلاه حققت نسبة التوطين المطلوبة وتم منحها هذه الشهادة بناءً عن طلبها.

الشهادة تم إنشاؤها إلكترونياً ومعتمدة من الجهة المختصة ولا تحتاج إلى ختم أو توقيع.

رؤية  
VISION 2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA





دھانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة ترخيص باستعمال علامة الجودة License For Use of The Quality Mark

رقم الترخيص: 20200154081 License Number:

SASO certifies that it has granted the right to use (SASO) quality mark on the following products, after fulfilling the required requirements according to the related normative references:

تشهد الهيئة السعودية للمواصفات والمقاييس والجودة بأنها رخصت باستخدام علامة الجودة على المنتجات الموضحة أدناه بعد استيفائها للمتطلبات اللازمة وفق المراجع القياسية الخاصة بها:

The Establishment:	شركة مصنع دهانات المملكة	المنشأة:
The Establishment's Address:	خميس مشيط - المدينة الصناعية القديمة	عنوان المنشأة:
Production Line Location:	خميس مشيط - المدينة الصناعية القديمة	موقع خط الإنتاج:
Normative References:	SASO 2107/2019	المراجع القياسية:
The Trade Mark:	شركة مصنع دهانات المملكة	العلامة التجارية:
The Product:	المعجون ذات الأساس المائي للاستخدام الداخلي	المنتج: (فانيل المنتج في الملحق)
Date of Granting:	23/07/2022	تاريخ المنح:
Date of Renewal:	-	تاريخ التجديد:
Date of Expiry:	22/07/2025	تاريخ الانتهاء:



نائب محافظ الهيئة للمطابقة والجودة  
Vice Governor of Conformity and Quality Affairs

المهندس / سعود بن راشد العسكر  
Eng. Saud R. AlAskar

www.saso.gov.sa

Visit SASO website (www.saso.gov.sa) to verify this certification or using an (Takkad) application.  
Any changes or modification on this certificate will affect its validity.  
P.O.Box 3437 Riyadh 11471 KSA  
Tel: 920009085 Fax: +966114520086

1 / 2

QMS-F-10-10  
Issue # 5  
Rev # 0  
Date 25/04/1441  
Date 25/04/1441

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت (www.saso.gov.sa) أو من خلال تطبيق (تأكد).  
أي تغيير أو تعديل في هذه الشهادة يغيرها.  
ص.ب. 3437 الرياض 11471 المملكة العربية السعودية  
هاتف: +966114520086 فاكس: 920009085



دعانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



## ملحق شهادة ترخيص باستعمال علامة الجودة Appendix (License For Use of The Quality Mark)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

المنشأة:	شركة مصنع دعانات المملكة
رقم الترخيص:	20200154081
تاريخ انتهاء الترخيص:	22/07/2025
المنتج:	الدعانات المستعظبة (الداخلية - الخارجية)
العلامة التجارية:	شركة مصنع دعانات المملكة
م No.	الصف Classification
1	دعانات مستعظبة حريري
2	دعانات مستعظبة مطفية
3	دعانات مستعظبة نصف لامعة
4	دعانات مستعظبة لامعة



WWW.SBSO.GOV.SA

Visit SASO website (www.saso.gov.sa) to verify this certification or using an (Etkaf) application.  
Any changes or modification on this certificate will affect its validity.  
P.O. Box: 84377 Riyadh 11471 K.S.A.  
Tel: 020069985 Fax: +96611452086

2 / 2

OMR # 10-36  
Issue # 5  
Rev # 1  
Date: 20/04/1441  
Date: 05/09/1441

التأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت  
(www.saso.gov.sa) أو من خلال تطبيق (Etkaf).  
أي تغيير أو تعديل على هذه الشهادة يعطل  
صحتها. ٢٠٠٤/٠٤/٢٠ تاريخ إصدار الشهادة  
١٤٤١/٠٩/٠٥ تاريخ مراجعة الشهادة  
+٩٦٦١١٤٥٢٠٠٨٦ فاكس ١٤٥٢٠٨٦ رقم الهاتف



دھانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



## ملحق شهادة ترخيص باستخدام علامة الجودة Appendix (License For Use of The Quality Mark)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

المنشأة:	شركة مصنع دهانات المملكة
رقم الترخيص:	20200154081
تاريخ انتهاء الترخيص:	22/07/2025
المنتج:	المعجون ذات الأساس المائي للاستخدام الداخلي
العلامة التجارية:	شركة مصنع دهانات المملكة
م No.	
المقاسات Size	
الصف Classification	
تاريخ الصنع/التجديد Date of Granting/Renewal	23/07/2022



WWW.SASO.GOV.SA

Visit SASO website (www.saso.gov.sa) to verify this certification or using in (UAE) application.  
Any change or modification on this certificate will affect its validity.  
P.O. Box: 4437 Riyadh 11471 KSA  
Tel: 0200009085 Fax: 096614452006

2 / 2

QMS-F-10-10  
Rev # 0  
Date: 25/04/2014  
Date: 25/04/2014

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت  
للمزيد من المعلومات (www.saso.gov.sa) أو من خلال تطبيق (SASO)  
أي تغيير أو تعديل على هذه الشهادة يغيرها.  
مكتب ترخيص المواصفات والجودة  
ص.ب. 4437 الرياض 11471 المملكة العربية السعودية  
هاتف: 096614452006 فاكس: 0200009085





دعانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة ترخيص باستعمال علامة الجودة License For Use of The Quality Mark

رقم الترخيص: 20200154081 License Number:

SASO certifies that it has granted the right to use (SASO) quality mark on the following products, after fulfilling the required requirements according to the related normative references: تشهد الهيئة السعودية للمواصفات والمقاييس والجودة بأنها رخصت باستعمال علامة الجودة على المنتجات الموضحة أدناه بعد استيفائها للمتطلبات اللازمة وفق المراجع القياسية الخاصة بها:

The Establishment:	شركة مصنع دعانات المملكة	المنشأة:
The Establishment's Address:	خميس مشيط - المدينة الصناعية القديمة	عنوان المنشأة:
Production Line Location:	خميس مشيط - المدينة الصناعية القديمة	موقع خط الإنتاج:
Normative References:	SASO 2881/2017	المراجع القياسية:
The Trade Mark:	شركة مصنع دعانات المملكة	العلامة التجارية:
The Product:	دعانات الالكيد الزيتية (الداخلية- الخارجية)	المنتج: (تفاصيل المنتج في الملحق)
Date of Granting:	23/07/2022	تاريخ المنح:
Date of Renewal:	-	تاريخ التجديد:
Date of Expiry:	22/07/2025	تاريخ الانتهاء:



نائب محافظ الهيئة للمطابقة والجودة  
Vice Governor of Conformity and Quality Affairs

المهندس/ سعود بن راشد العسكر  
Eng. Saud R. AlAskar

www.saso.gov.sa

Visit SASO website (www.saso.gov.sa) to verify this certification or using an (Takkad) application.  
Any changes or modification on this certificate will affect its validity.  
P.O. Box 3437 Riyadh 11471 KSA  
Tel: 920009085 Fax: +966114520086

1 / 2

QMS-F-10-10  
Issue # 5  
Rev # 0  
Date 25/04/1441  
Date 25/04/1441

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت (www.saso.gov.sa) أو من خلال تطبيق (تاكاد).  
أي كسب أو تغيير في هذه الشهادة يُلغِيها.  
ص.ب ٣٤٣٧ الرياض ١١٤٧١ المملكة العربية السعودية  
هاتف: ٩٢٠٠٠٩٠٨٥ فاكس ١١٤٥٢٠٠٨٦



دھانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



## ملحق شهادة ترخيص باستعمال علامة الجودة Appendix (License For Use of The Quality Mark)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

المنشأة:	شركة مصنع دهانات المملكة	
رقم الترخيص:	20200154081	
تاريخ انتهاء الترخيص:	22/07/2025	
المنتج:	دهانات الاكسيد الزيتية (الداخلية- الخارجية)	
العلامة التجارية:	شركة مصنع دهانات المملكة	
المقاسات Size		
الصف Classification		
م No.		
23/07/2022	دهان زيتي مطفأ	1
23/07/2022	دهان زيتي شبه لامع	2
23/07/2022	دهان زيتي لامع	3



WWW.SASO.GOV.SA

Visit SASO website (www.saso.gov.sa) to verify this certification or using an (Takreef) application.

Any changes or modification on this certificate will affect its validity.

P.O. Box: 3437, Riyadh 11471, KSA

Tel: 920009965 Fax: 09611482086

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QMS-F-10-10

Issue # 5

Rev # 0

Date: 25/04/1441

Date: 25/04/1441

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت  
(www.saso.gov.sa) أو من خلال تطبيق (تاكريف)

أي تغييرات أو تعديلات على هذه الشهادة ستؤثر على صحتها.

رقم الترخيص: 20200154081

تاريخ انتهاء الترخيص: 22/07/2025

المنتج: دهانات الاكسيد الزيتية (الداخلية- الخارجية)

العلامة التجارية: شركة مصنع دهانات المملكة



دهانات المملكة  
KINGDOM PAINTS

# SASO (Saudi Standards, Metrology and Quality Organization)



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة ترخيص باستخدام علامة الجودة License For Use of The Quality Mark

رقم الترخيص: 20200154081 License Number:

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The Establishment:	شركة مصنع دهانات المملكة	المنشأة:
The Establishment's Address:	خميس مشيط - المدينة الصناعية القديمة	عنوان المنشأة:
Production Line Location:	خميس مشيط - المدينة الصناعية القديمة	موقع خط الإنتاج:
Normative References:	SASO 470 /2016	المراجع القياسية:
The Trade Mark:	شركة مصنع دهانات المملكة	العلامة التجارية:
The Product:	الدهانات المستحلبة (الداخلية - الخارجية)	المنتج: (تفصيل المنتج في الملحق)
Date of Granting:	23/07/2022	تاريخ المنح:
Date of Renewal:	-	تاريخ التجديد:
Date of Expiry:	22/07/2025	تاريخ الانتهاء:



نائب محافظ الهيئة للمطابقة والجودة  
Vice Governor of Conformity and Quality Affairs

المهندس / سعود بن راشد العسكر  
Eng. Saud R. AlAskar



www.saso.gov.sa

Visit SASO website (www.saso.gov.sa) to verify this certification or using an (Takkad) application.  
Any changes or modification on this certificate will affect its validity.  
P.O Box 3437 Riyadh 11471 KSA  
Tel: 920009085 Fax: +966114520086

1 / 2

QMS-F-10-98  
Issue # 9  
Rev # 1  
Date 25/04/1441  
Date 05/09/1441

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت (www.saso.gov.sa) أو من خلال تطبيق (تأكد).  
أي تغيير أو تعديلي هذه الشهادة يُلغِيها.  
ص.ب ٣٤٣٧ الرياض ١١٤٧١ المملكة العربية السعودية  
هاتف: +٩٦٦١١٤٥٢٠٠٨٦ فاكس ٩٢٠٠٠٩٠٨٥





دھانت المملكتة  
KINGDOM PAINTS

# Project Approvals

Kingdom Paints offers great value, quality and reliability in every paint products that we provide. Our products passed real world testing and are highly recommended for residential applications. Kingdom Paints' are competitively priced without compromising on quality.

We have the capability, motivation, experience and resources to meet most paints requirements in a wide variety of industries. If you have the work, be assured that it can be built with Kingdom Paints.





دھانات المملكة  
KINGDOM PAINTS

# Ministry of Housing

وزارة الإسكان  
Ministry of Housing



رقم هاتف: ٢٨٠٥٠  
تاريخ إصدار: ١١٣٨/٠٨/١١  
عن: مشروعات



المملكة العربية السعودية

وزارة الإسكان

الإدارة العامة للإشراف  
لجنة اعتماد المواد

الموضوع : بخصوص تأهيل شركة مصنع دهانات المملكة

المكرمين/ شركة مصنع دهانات المملكة

ص.ب: ٣١٨٠ خميس مشيط: ٦١٩٦١ الهاتف: ٠١٧٢٣٨١١١١ الفاكس: ٠١٧٢٣٨٢٦١٠

السلام عليكم ورحمة الله وبركاته . . وبعد

تهديكم الإدارة العامة للإشراف بوزارة الإسكان أطيب التحايا والتقدير، وإشارة إلى خطابكم والوارد للوزارة برقم (٧٢٢٣) وتاريخ ١١/٠٥/١٤٣٨ هـ بشأن طلب تأهيلكم لتوريد الدهانات بمشاريع الوزارة، وبعد الاطلاع والدراسة من قبل المختصين بالوزارة ملف التأهيل المقدم من قبلكم ولوحة العينات، نفيديكم بأنه لا مانع من اعتماد شركتكم لتوريد الدهانات المستحلبة والدهانات الألكيد الزيتية والمعاجين ذات الأساس المائي علامة تجارية (دهانات المملكة)، ودهانات التكتشر المائية علامة تجارية (دهانات المملكة) والمرخص لها باستعمال علامة الجودة الصادرة من الهيئة السعودية للمواصفات والمقاييس والجودة ولمدة عام من تاريخه على أن يتم التقديم من خلال المقاولين المنفذين لمشاريع الوزارة مع الالتزام بما يلي:

١. جميع الشروط والمواصفات وجداول الكميات والمخططات التعاقدية لكل مشروع.
  ٢. إجراء الاختبارات الروتينية اللازمة بالمصنع في حضور ممثلين من الوزارة والاستشاري.
  ٣. تقديم شهادة ضمان لمدة لا تقل عن عشر سنوات.
  ٤. تقديم شهادة الهيئة السعودية للمواصفات والمقاييس سارية المفعول.
  ٥. تنفيذ وحدة سكنية (mock up) تحت اشراف الاستشاري للتأكد من كفاءة الدهانات وثبات اللون ومقاومتها للرطوبة، وعلى أن يقوم الاستشاري برفع رؤيته بشأن موافقته على استخدام تلك الدهانات بالمشروع من عدمه.
- علماً بأن هذا الاعتماد لا يلزم الوزارة بقبول أي من المنتجات التي لا تتوافق مع المواصفات الفنية للمشاريع التابعة لها.

وتقبلوا خالص تحياتي وتقديري

مدير عام الإدارة العامة للإشراف

م. ياسر بن نوره الله الغامدي



دهانات المملكة  
KINGDOM PAINTS

# Ministry of Education



وكالة الوزارة للمباني والتجهيزات المدرسية  
إدارة الإشراف والمتابعة

الموضوع : طلب أعضاء منتجات مصنع دهانات المملكة

المكرم / مدير مصنع دهانات المملكة المحترم

ص . ب : ٣١٨٠ خميس مشيط

السلام عليكم ورحمة الله وبركاته وبعد

إشارة إلى الزيارة التي تمت إلى مصنعكم بتاريخ ١٤٢٩/٨/٩هـ. للإطلاع على خطوط الإنتاج وطرق ضبط الجودة لمنتجاتكم في مجال أعمال الدهانات لمشاريع الوزارة .  
عليه نفيدكم بأنه لا مانع لدينا من تقديم منتجاتكم عن طريق المقاولين المنفذين لمشاريع الوزارة طبقاً للمواصفات الفنية للمشاريع، مع ضرورة تقديم ضمان لكل منتج بمدة عشرة سنوات مع الاستمرار بالمراقبة وضبط الجودة ، وسيتم إعادة تقييم المصنع بعد عام من تاريخه.

ولكم خالص تحياتي ...

مدير إدارة الإشراف والمتابعة

المهندس / نواف بن عميل السعدي

عائشة





دهانات المملكة  
KINGDOM PAINTS

# Ministry of Education

الرقم : ٢١٥٩٤٧٧٢  
التاريخ : ٢٠٢١/٦/٢٤  
المرفقات : —————



المملكة العربية السعودية  
وزارة التربية والتعليم  
وكالة الوزارة للمباني  
الإدارة العامة للدراسات والتصاميم  
إدارة ضبط الجودة

السادة / شركة مصنع دهانات المملكة

المحترم

عناية المدير العام

ص ب ٣١٨٠ - خميس مشيط

ويعد

السلام عليكم ورحمة الله وبركاته

إشارة إلى خطابكم الوارد لنا برقم ٣١١١١٣١٥ بتاريخ ١٤٣١ / ٢ / ٩ هـ بخصوص طلبكم استخدام منتجات مصنعكم من الدهانات لاستخدامها في مشاريع وزارة التربية والتعليم .  
عليه نفيدكم بأنه يمكنكم تقديم عيناتكم من خلال المقاولين المنفذين للمشاريع بوزارة التربية والتعليم طبقاً لشروط المواصفات الخاصة بالوزارة .

ولكم تحياتنا!!!

المهندس  
فهد بن إبراهيم الحماد  
١٤٣١

المشرف العام على وكالة الوزارة للمباني

المهندس / فهد بن إبراهيم الحماد

١٤٣١



دهانات المملكة  
KINGDOM PAINTS

## Border and Security

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



المملكة العربية السعودية  
وزارة الداخلية  
حرس الحدود

قيادة منطقة عسير  
إدارة الشؤون الهندسية  
التشغيل والصيانة

الرقم : ٨٦٨٢/١  
التاريخ : ١٤٣٤/٠٦/٢٠ هـ  
المشروعات : ---  
الرقم القياسي : ---



الموضوع / منتجات مصنع دهانات المملكة

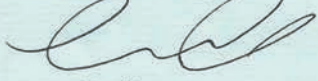
السادة / شركة مصنع دهانات المملكة  
السلام عليكم ورحمة الله وبركاته

إشارة إلى خطابكم رقم ١٠٢/١٧١ وتاريخ ٢٠١٣/٤/٧م بشأن اعتماد منتجات مصنع دهانات المملكة لتوريد الدهانات الخارجية والداخلية لمشاريع حرس الحدود فإنه بعد دراستنا لوثائق التأهيل المقدمة وتطبيق عينات الشركة ومقارنتها بالشروط والمواصفات الفنية . عليه نفيديكم بالموافقة والرفع باعتماد شركتكم بمشاريعنا مع الالتزام بالشروط والمواصفات الخاصة بكل مشروع وتعليمات الشركة المصنعة ،،، وتقبلوا تحياتي والسلام

عليكم .

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قائد حرس الحدود بمنطقة عسير



اللواء /

سعود بن مطلق النومسي

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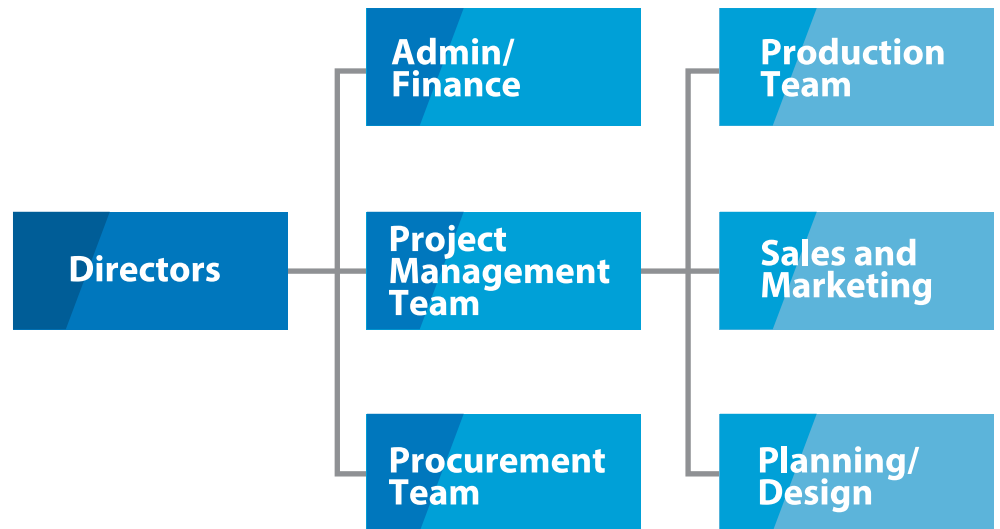


دھانات المملكة  
KINGDOM PAINTS

# Organizational Structure

## OUR MANAGEMENT TEAM

The business is driven by our team of highly experienced staff, collectively, they accumulated more than 20 years of work experience in the paints industry. They are involved in the manufacturing process, business development, procurement, project management and administration of the company. The management team proactively gathers market feedback, identifies changes in business environment, reviews work processes and communicates key learning points and company policy to all staff at regular meetings.



## OUR PEOPLE

Our people are crucial in the quality of our products, delivery of our services & solution to our clients. In order to ensure that everyone is equipped with the right skill, knowledge & attitude, a comprehensive training programme is put in place to constantly upgrade our people in technical & management skills.

We believe firmly in providing the right training, accredited certification & practical knowledge for our people, in order for them to execute their duties and responsibilities confidently. Our aim is to stay relevant to the ever-changing market place and client's requirement.







دھانات المملكة  
KINGDOM PAINTS

# Project Services

## STANDARD COMMERCIAL FINISHES

- Interior
- Exterior
- Architectural Paints
- Sealers & Stains
- Wall Coverings
- Decorative

## SPECIALTY COATINGS

- Epoxy & Urethane Coatings
- Floor Coatings
- Anti-Slip Coatings
- Roof Coatings
- Reflective Coatings
- Anti-Graffiti Coatings

## PROTECTIVE COATINGS

- Elastomeric Coatings
- Corrosion Resistant Coatings
- Chemical Resistant Coatings
- High Temperature Protective Coatings
- Thermal Barriers
- Air Barriers

## SURFACE PREPARATION

- Abrasive Blasting
- Shot Blasting
- Water Blasting
- Mechanical & Hand Tooling
- Chemical Striping
- Caulking & Sealants

*Kingdom Paints takes pride in continuing to provide our clients with quality paint products and services, in a safe environment for competitive prices from surface preparation to tough wear epoxies, to delicate wall coverings and decorative finishes.*

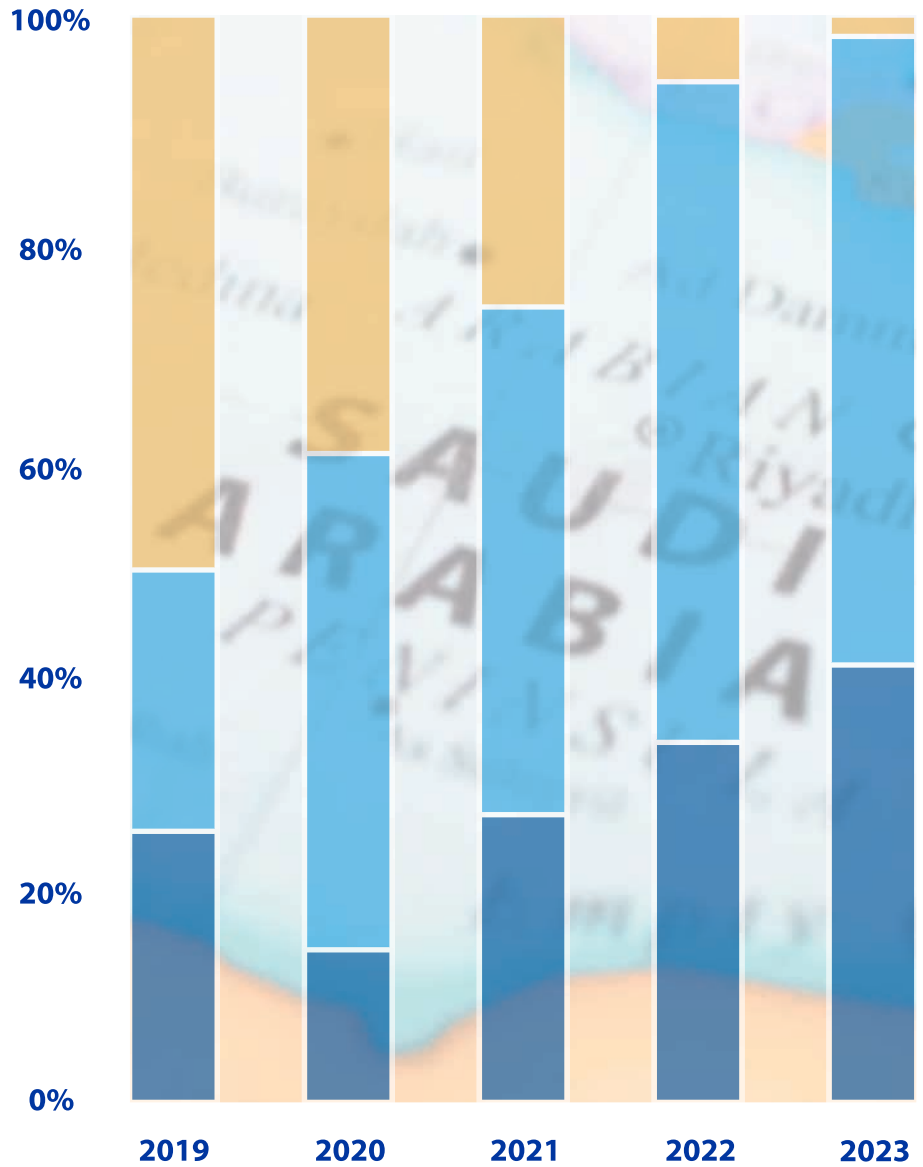




دھانات المملكة  
KINGDOM PAINTS

# Sectoral Breakdown

\*As percentage of revenue



Industrial/Commercial Residential Maintenance / Minor Works





دھانت المملكة  
KINGDOM PAINTS

## Project References

**Client:**  
Ministry of Education (High School)

**Sector & Location:**  
Commercial (Renovated)  
Abha

**Contract Duration:**  
5 weeks

**Contract Value:**  
SAR 750,326.00



**Client:**  
Ministry of Education (Elementary School)

**Sector & Location:**  
Commercial (New)  
Jizan

**Contract Duration:**  
5 weeks

**Contract Value:**  
SAR 935,716.00



**Client:**  
Private

**Sector & Location:**  
Residential  
Najran

**Contract Duration:**  
2 weeks

**Contract Value:**  
SAR 65,550.00



**Client:**  
Ministry of Education (School of Islamic Study)

**Sector & Location:**  
Commercial  
Ahad Rufeida, Aseer

**Contract Duration:**  
7 weeks

**Contract Value:**  
SAR 780,250.00







دھانت المملكة  
KINGDOM PAINTS

## Project References

**Client:**  
Pediatric Hospital

**Sector & Location:**  
Commercial  
Abha

**Contract Duration:**  
9 weeks

**Contract Value:**  
SAR 2,850,443.00



**Client:**  
Private

**Sector & Location:**  
Residential  
Khamis Mushayt

**Contract Duration:**  
2 weeks

**Contract Value:**  
SAR 192,435.00



**Client:**  
Industrial Basic Material Factory Co. (IBM)

**Sector & Location:**  
Industrial  
khamis Mushayt

**Contract Duration:**  
8 weeks

**Contract Value:**  
SAR 2,690,826.00



**Client:**  
Ministry of Education (Secondary School)

**Sector & Location:**  
Commercial  
Khamis Mushayt

**Contract Duration:**  
7 weeks

**Contract Value:**  
SAR 1,297,366.00





دھانات المملكة  
KINGDOM PAINTS

## Project References

Client:  
Saudi Construction Development Co. (SCDCO)

Sector & Location:  
Residential  
Najran

Contract Duration:  
3 months

Contract Value:  
SAR N/A







دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للاختبارات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES ALKYD OIL BASED PAINT (GLOSS- SEMI GLOSS & FLAT) SASO 2881-2017

Customer	Kingdom Paints Factory Co	Sample Description	KP Flat Enamel White
Project Name	SASO Quality	Sample Source	Kingdom Paints Factory Co
Project No.	NP	Sampling Method	NP
Location	Kingdom of Saudi Arabia	Sampling Date	NP
Contractor	NP	Sampled By	Customer
Consultant	NP	HS Code / Bayan No.	-
CBML Project No.	CBMP-0035-16	Date Received	28-Jul-21
CBML Sample No.	CBM-280719-001	Sample Condition	Normal
CBML Report No.	CBMR-19-03227	Environmental Condition	25°C
Date of Report	11-Sep-21	Test Completed	10-Sep-21
Customer Ref. No.	NP	Production Date	19-Mar-21
Manufacturer	Kingdom Paints Factory Co	Batch No.	2481-73188-1353

#### TEST RESULT:

Test Parameter	Standard	Result	Units	Specification Limits	Remarks
5.1 Condition in Container	SASO 2881	Paint is free from grits, skin or lumps and shall show no more pigment settling or caking	-	Shall be free from grits, skin or lumps and shall show no more pigment settling or caking	Pass
5.2 Non-Volatile Content	SASO ISO 3251	56	%	Shall be not less than 55%	Pass
5.3 Consistency / Viscosity by brookfield viscometer @25°C	SASO 2194 / 2003	94	KU	From 80 to 110 Krebs units @25°C	Pass
5.4 Color	SASO 2881	Paint is close match with reference color	-	Shall close match with reference color	Pass
5.5 Fineness of Grind	SASO ISO 1524	20	µm	Gloss paint no more than 25 µm Semi gloss no more than 35 µm Flat no more than 50 µm	Pass
5.6 Lead Content*	SASO ISO 6503:2006	0.006	%	shall not exceed 0.009%	Pass
5.7 Flash Point (TAG)*	SASO ASTM D 56	35	°C	Shall be not less than 30 °C	Pass
5.8 Application Properties	SASO ASTM D 7073 SASO ISO 9117-4/2012	No Sagging or running observed	-	Film shall be free from surface defect, such as running, sagging and streaking	Pass
5.9 Drying Time (Surface dry)	SASO ISO 9117-4/2012	3 hour 35 minute	hours	Not more than 4 hours	Pass
5.9 Drying Time (Hard dry)	SASO ISO 9117-4/2012	13	hours	Not more than 18 hours	Pass
5.10 Appearance of Dried Film	SASO ISO 9117-4/2012	smooth finish, free from sagging ,wrinkling and any other defects	-	smooth finish, free from sagging ,wrinkling and any other defects	Pass
5.11 Gloss**	SASO ISO 2813:2010	10	-	Flat 85° ≤15 Semi-Gloss 60° 30 to 70 Gloss 60° >70	Pass

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Closed Shareholding Co. Fully Paid Capital: S.R. 500,000,000

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES ALKYD OIL BASED PAINT (GLOSS- SEMI GLOSS & FLAT) SASO 2881-2017

Customer	Kingdom Paints Factory Co	Sample Description	KP Flat Enamel White	
5.12 Flexibility and Adhesion	SASO/ ISO 1519 / 2011	No cracks or separation from substrate	Firmly adherent to substrate, shall show no cracking or peeling	Pass
5.13 Scratch Resistance	As per manufacturer	No scratch appeared	Shall withstand scratch at load not less than 800g	Pass
5.14 Dry Opacity	SASO 2063	0.97	contrast ratio of 0.93 for white and pastel tint	Pass
Accelerating Weathering 200 hours for Gloss or 300 hours for Semi gloss (4 hours condensation and 4 hours UV)	SASO ISO 16474-3	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	Pass
Marking	SASO 2881	Kingdom Paints Co Ltd / Flat Enamel / 19-03-2019 / B. 2481-73188-1353	Name, Type and Color of the Paint. Name of Manufacturer and / or Trademark. Country of origin or name brand	Pass
Tested by	MSSH			
Test Variation	NIL			
Remark	The test results complying to the standard requirement. *test subcontracted.			

AUTHORISED SIGNATORY



CBMR-092 Rev. 0

Result related to the items tested.

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES ALKYD OIL BASED PAINT (GLOSS- SEMI GLOSS & FLAT) SASO 2881-2017

Customer	Kingdom Paints Factory Co	Sample Description	KP Gloss Enamel White
Project Name	SASO Quality	Sample Source	Kingdom Paints Factory Co
Project No.	NP	Sampling Method	NP
Location	Kingdom of Saudi Arabia	Sampling Date	NP
Contractor	NP	Sampled By	Customer
Consultant	NP	HS Code / Bayan No.	
CBML Project No.	CBMP-0035-16	Date Received	28-Jul-21
CBML Sample No.	CBM-280719-002	Sample Condition	Normal
CBML Report No.	CBMR-19-03228	Environmental Condition	25°C
Date of Report	11-Sep-21	Test Completed	10-Sep-21
Customer Ref. No.	NP	Production Date	19-Mar-21
Manufacturer	Kingdom Paints Factory Co	Batch No.	3024 - 74001

#### TEST RESULT:

Test Parameter	Standard	Result	Units	Specification Limits	Remarks
5.1 Condition in Container	SASO 2881	Paint is free from grits, skin or lumps and shall show no more pigment settling or caking	-	Shall be free from grits, skin or lumps and shall show no more pigment settling or caking	Pass
5.2 Non-Volatile Content	SASO ISO 3251	58	%	Shall be not less than 55%	Pass
5.3 Consistency / Viscosity by brookfield viscometer @25°C	SASO 2194 / 2003	102	KU	From 80 to 110 Krebs units @25°C	Pass
5.4 Color		Paint is close match with reference color	-	Shall close match with reference color	Pass
5.5 Fineness of Grind	SASO ISO 1524	20	µm	Gloss paint no more than 25 µm Semi gloss no more than 35 µm Flat no more than 50 µm	Pass
5.6 Lead Content*	SASO ISO 6503:2006	0.008	%	shall not exceed 0.009%	Pass
5.7 Flash Point	SASO ASTM D 56	30	°C	Shall be not less than 30 °C	Pass
5.8 Application Properties	SASO ASTM D 7073 SASO ISO 9117-4/2012	No Sagging or running observed	-	Film shall be free from surface defect, such as running, sagging and streaking.	Pass
5.9 Drying Time (Surface dry)	SASO ISO 9117-4/2012	3 hour 50 minute	hours	Not more than 4 hours	Pass
5.9 Drying Time (Hard dry)	SASO ISO 9117-4/2012	15	hours	Not more than 18 hours	Pass
5.10 Appearance of Dried Film	SASO ISO 9117-4/2012	from sagging ,wrinkling and any other defects		smooth finish, free from sagging ,wrinkling and any other defects	Pass
5.11 Gloss**	SASO ISO 2813:2010	75		Flat 85° ≤15 Semi-Gloss 60° 30 to 70 Gloss 60° >70	Pass

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Closed Shareholding Co.: Fully Paid Capital: S.R. 500,000,000

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests




الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.


## TEST REPORT

### PHYSICAL PROPERTIES ALKYD OIL BASED PAINT (GLOSS- SEMI GLOSS & FLAT) SASO 2881-2017

Customer	Kingdom Paints Factory Co	Sample Description	KP Gloss Enamel White	
5.12 Flexibility and Adhesion	SASO/ ISO 1519 / 2011	No cracks or separation from substrate	Firmly adherent to substrate, shall show no cracking or peeling	Pass
5.13 Scratch Resistance	As per manufacturer	smooth and homogeneous state	Shall withstand scratch at load not less than 800g	Pass
5.14 Dry Opacity	SASO 2063	0.95	contrast ratio of 0.93 for white and pastel tint	Pass
Accelerating Weathering 200 hours for Gloss or 300 hours for Semi gloss (4 hours condensation and 4 hours UV)	SASO ISO 16474-3	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	Pass
Marking	SASO 2881	Kingdom Paints Co Ltd / Gloss Enamel / 22-05-2019 / B 3024 - 74001	Name, Type and Color of the Paint Name of Manufacturer and / or Trademark, Country of origin or name brand	Pass

Tested by : MSSH  
Test Variation : NIL  
Remark : The test results complying to the standard requirement. \*test subcontracted.

  
AUTHORISED SIGNATORY



CBMR-092 Rev. 0

Result related to the items tested.

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES PAINTS AND VARNISHES - EMULSION PAINTS SASO 470-2016

Customer	Kingdom Paints Factory Co	Sample Description	KP Exterior Emulsion White
Project Name	SASO Quality	Sample Source	Kingdom Paints Factory Co
Project No.	NP	Sampling Method	NP
Location	Riadh KSA	Sampling Date	NP
Contractor	NP	Sampled By	Customer
Consultant	NP		
CBML Project No.	CBMP-0035-16	Date Received	28-Jul-21
CBML Sample No.	CBM-280719-003	Sample Condition	Normal
CBML Report No.	CBMR-19-03229	Environmental Condition	25°C
Date of Report	11-Sep-21	Test Completed	10-Sep-21
Customer Reference No.	NP	Production Date	1-May-21
Manufacturer	Kingdom Paints Factory Co	Batch No.	2786-73703

#### TEST RESULT:

Test Parameter	Standard	Result	Units	Specification Limits	Remarks
5.2 Condition in Container	SASO 470	No evidence of biological growth, livering, skinning, putrefaction, hard setting of the pigment	-	Shall show no evidence of biological growth, livering, skinning, putrefaction, hard setting of the pigment, or corrosion of the container	Pass
5.3 Non-Volatile Content	SASO ISO 3251	61	%	Min. 50% for Flat emulsion	Pass
5.4 Consistency @25°C	SASO 2194	112	KU	From 70 to 120 Krebs units @25°C	Pass
5.5 Color	SASO ISO 3668	Close match with reference sample	-	Shall close match with reference sample	Pass
5.6 Fineness of Dispersion	SASO 470	Paint is smooth to touch and free of coarse particles	-	At 150µ shall be smooth to touch and free of coarse particles	Pass
5.8 Gloss	SASO ISO 2813	2.6 at 85°	*	Flat 85° <10 Silk/Egg shell/Satin 85° 10-35 Semi-Gloss 60° 35-60 Gloss 60° >60	Pass
5.9 Lead Content	SASO ISO 6503	0.003	%	shall not exceed 0.009% of mass	Pass
5.10 Application Properties	SASO 470	140	Minutes	Not more than 3 hours for flat & 5 hours for gloss and semi gloss	Pass
5.11 Drying Time	23±2°C and relative humidity 50±5%	170	Minutes	Not more than 3 hours for flat and 5 hours for gloss and semi gloss	Pass
5.12 Appearance of Dried Film	SASO 470	smooth finish, free from sagging, wrinkling and any other defects	-	smooth finish, free from sagging, wrinkling and any other defects	Pass
5.13 Flexibility and Adhesion	SASO ISO 1519	No cracks or separation from substrate	-	film thickness 150 µ, drying 7days at 23±2°C, R H not more than 70% with stand bending test using 6 mm diameter mandrel - with no cracking or peeling	Pass

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES PAINTS AND VARNISHES - EMULSION PAINTS SASO 470-2016

Customer	Kingdom Paints Factory Co	Sample Description	KP Exterior Emulsion White	
5.14 Wet Scrub Resistance -	SASO ISO 11998 Film thickness 175 µ drying 7days at 23±2C° R.H not more than 70%	No Defect or Scrub up to 2500 cycles	800 scrub cycles for exterior flat	Pass
5.15 Alkali Resistance	SASO 470	no change in color or gloss and no surface defects.	NaOH solution 0.500 % for 24 H. -no change in color or gloss and no surface defects.	Pass
5.16 Heat Stability	SASO 470 50±1°C for 30 days	2.8	Viscosity shall not change by more than 10%fro the original , no coagulation or fluculation and no change in application properties.	Pass
5.17 Odor	SASO 470	Not irritating, before, during and after application	shall not be irritating, before, during and after application	Pass
5.18 Dry Opacity	SASO ISO 2063	0.95	contrast ratio of 0.95 for white and colored flat emulsion paints and 0.90 for white and colored egg shell, semi-gloss and gloss emulsion paints	Pass
5.19 Accelerating Weathering (UV)	SASO ISO 16474 300 hours UVB lamb	No blistering, chalking, significant color fading and other film irregularities	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	Pass
9 Marking	SASO 470	KP Exterior Emulsion / Kingdom Paint Factory Co / 01-05-2019 / B 2786-73703	Name, Type and Color of the Paint, Name of Manufacturer and / or Trademark, Country of origin or name brand, batch number - production date -weight/volume - usesand safety instructions.	Pass

Tested by : MSSH  
Test Variation : NIL  
Remark : The tested product meets the requirement of standard.

AUTHORISED SIGNATORY



CBMR-092 Rev. 0  
Result related to the items tested.  
This test report shall not be reported except in full, without the written approval of the laboratory.

Kingdom of Saudi Arabia  
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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للتحريات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES OF PAINTS PUTTY SASO 2107

Customer	Kingdom Paints Factory Co	Sample Description	KAFF Putty White
Project Name	SASO Quality	Sample Source	Kingdom Paints Factory Co
Project No.	NP	Sampling Method	NP
Location	Riudh KSA	Sampling Date	NP
Contractor	NP	Sampled By	Customer
Consultant	NP		
CBML Project No.	CBMP-0035-16	Date Received	28-Jul-21
CBML Sample No.	CBM-280719-004	Sample Condition	Normal
CBML Report No.	CBMR-19-03230	Environmental Condition	25°C
Date of Report	22-Oct-21	Test Completed	21-Oct-21
Customer Reference No.	NP	Production Date	24-Jul-21
Manufacturer	Kingdom Paints Factory Co	Batch No.	33114-67765

#### TEST RESULT:

Test Parameter	Standard	Result	Units	Specification Limits	Remarks
5.1 Drying Time @25±2°C	SASO 2107	2 hours 20min	Hours	Hard drying time not more than 5hours.	Pass
5.2 Sanding Proereties	SASO 2107	The coat layer is smooth without any defects or cracks after using paper sanding 180.	-	Using sanding paper no. 180 the coat layer must be smooth without any defects or cracks	Pass
5.3 Homogenity With the Finish Emulsion Coat	SASO 2107	the emulsion layer is smooth finish, free from sagging ,wrinkling and any other defects	-	After applying one emulsion coat layer with 100µ on the putty give smooth finish, free from sagging ,wrinkling and any other defects	Pass
5.4 Humidity And Heat Resistance	70 °C at 80% R.H. for 500 hours	No cracks or separation from substrate	-	Firmly adherant to substrate, shall show no cracking or peeling	Pass
5.5 Resistance to Total Immersion in Water	SASO 2107 (24 hours immersion)	No cracks, blistering or any defects in the putty layer .	-	After total immersion for 24 h. no cracks, blistering or any defects in the putty layer .	Pass
6 Marking	-	Kaff Putty White / Kingdom Paint Factory /B :33114-67765 /24-07-2019	-	Name of Manufacturer and / or Trademark, Country of origin or name brand, batch number - production date -weight/volume - usesand safety instructions.	Pass

Tested by : MSSH  
Test Variation : NIL  
Remark : The tested product complies to the standard requirements.

AUTHORIZED SIGNATORY



CBMR-092 Rev. 0

Result related to the items tested.

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للتحريات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES PAINTS AND VARNISHES - EMULSION PAINTS SASO 470-2016

Customer	Kingdom Paints Factory Co	Sample Description	KP Soft Texture White
Project Name	SASO Quality	Sample Source	Kingdom Paints Factory Co
Project No.	NP	Sampling Method	NP
Location	Riadh KSA	Sampling Date	NP
Contractor	NP	Sampled By	Customer
Consultant	NP		
CBML Project No.	CBMP-0035-16	Date Received	28-Jul-21
CBML Sample No.	CBM-280719-005	Sample Condition	Normal
CBML Report No.	CBMR-19-03231	Environmental Condition	25°C
Date of Report	11-Sep-21	Test Completed	10-Sep-21
Customer Reference No.	NP	Production Date	21-Jul-21
Manufacturer	Kingdom Paints Factory Co	Batch No.	3655-75709

#### TEST RESULT:

Test Parameter	Standard	Result	Units	Specification Limits	Remarks
5.2 Condition in Container	SASO 470	No evidence of biological growth, livering, skinning, putrefaction, hard settling of the pigment.	-	Shall show no evidence of biological growth, livering, skinning, putrefaction, hard settling of the pigment, or corrosion of the container	Pass
5.3 Non-Volatile Content	SASO ISO 3251	71	%	Min. 50% for Flat emulsion	Pass
5.4 Consistency @25°C	SASO 2194		KU	From 70 to 120 Krebs units @25°C	Pass
5.9 Lead Content	SASO ISO 6503	0.002	%	shall not exceed 0.009% of mass	Pass
5.10 Application Properties	SASO 470	140	Minutes	Not more than 3 hours for flat & 5 hours for gloss and semi gloss	Pass
5.11 Drying Time	23±2°C and relative humidity 50±5%	185	Minutes	Not more than 3 hours for flat and 5 hours for gloss and semi gloss	Pass
5.12 Appearance of Dried Film	SASO 470	smooth finish, free from sagging, wrinkling and any other defects	-	smooth finish, free from sagging, wrinkling and any other defects	Pass
5.13 Flexibility and Adhesion	SASO ISO 1519	No cracks or separation from substrate	-	film thickness 150 µ drying 7 days at 23±2°C R.H not more than 70% with stand bending test using 6 mm diameter mandrel - with no cracking or peeling	Pass
5.15 Alkali Resistance	SASO 470	no change in color or gloss and no surface defects.	-	NaOH solution 0.500 % for 24 H. -no change in color or gloss and no surface defects.	Pass
5.16 Heat Stability	SASO 470 50±1°C for 30 days	2.5	%	Viscosity shall not change by more than 10% from the original, no coagulation or flocculation and no change in application properties.	Pass
5.17 Odor	SASO 470	Not irritating, before, during and after application	-	shall not be irritating, before, during and after application	Pass

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دھانات المملكة  
KINGDOM PAINTS

# Motabaqah - Quality Standard Tests



الشركة السعودية للمختبرات الخاصة  
SAUDI SPECIALIZED LABORATORIES CO.

## TEST REPORT

### PHYSICAL PROPERTIES PAINTS AND VARNISHES - EMULSION PAINTS SASO 470-2016

Customer	Kingdom Paints Factory Co	Sample Description	KP Soft Texture White		
5.18 Dry Opacity	SASO ISO 2063	0.96	-	contrast ratio of 0.95 for white and colored flat emulsion paints and 0.90 for white and colored egg shell, semi-gloss and gloss emulsion paints	Pass
5.19 Accelerating Weathering (UV)	SASO ISO 16474 300 hours UVB lamb	No blistering, chalking, significant color fading and other film irregularities	-	The paint film shall show no blistering, chalking, significant color fading and other film irregularities	Pass
9 Marking	SASO 470	KP Soft Texture / Kingdom Paint Factory Co / 021-07-2019 / B 3655-75709	-	Name, Type and Color of the Paint. Name of Manufacturer and / or Trademark, Country of origin or name brand, batch number - production date -weight/volume - uses and safety instructions.	Pass
Tested by	: MSSH				
Test Variation	: NIL				
Remark	: The tested product complies to the standard requirements,				

AUTHORISED SIGNATORY



CBMR-092 Rev. 0  
Result related to the items tested.  
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دهانات المملكة  
KINGDOM PAINTS

# أساس مائي Water-Based

Technical Data Sheet





## **KINGDOM PRIMER SEALER**

### Product Description:

A superior quality water-based primer sealer specially formulated with Modified Acrylic co-polymer to prevent deterioration of topcoat emulsion paints by the alkalinity of the surfaces.

### Features:

It penetrates well into the substrate and ensures excellent adhesion between substrate and topcoat. Its alkali resistant properties resist the discoloration and improves the performance, appearance of the topcoats.

### Recommended use & substrate:

Ideal priming for exterior and interior substrate like concrete, cement plaster, gypsum board partition etc. and suitable for both new buildings and repainting.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Available in white
<b>Specific Gravity</b>	: 1.50 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 38 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 15.2 (m <sup>2</sup> /l) theoretically on 25μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Water resistance</b>	: Pass 7 days, ASTM D – 1735-04
<b>Alkali resistance</b>	: Pass, 7 days (1% solution), ASTM D – 1308-02
<b>Salt resistance</b>	: Pass, 7 days (1.5% solution) ASTM D – 1308
<b>Adhesion</b>	: Pass, ASTM D – 3359

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Topcoat</b>	: Depends on specifications

**Application data:****Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 25– 35 microns (µm)

**Wet film thickness** : 65– 92 microns (µm)

Film thickness will vary and is calculated as average.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Thinner:**

Recommended thinner is clean Tap water.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C  
**Full Dry** : 2 Hrs. @ 25°C  
**Dry to overcoat minimum** : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

**Disclaimer:**

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*Kingdom Primer Sealer - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*





## KINGDOM SUPER INTERIOR PRIMER

### Product Description:

An acrylic Co-polymer-based Alkali resistance interior primer that provides excellent adhesion to the subsequent coats.

### Features:

It has excellent adhesion to the surface and has good penetrating properties. It provides an excellent base for subsequent coats.

### Recommended use & substrate:

Ideal priming for interior substrates like concrete, cement plaster, gypsum board partition, etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Color</b>	: White
<b>Specific gravity</b>	: 1.45 ± 0.1
<b>Volume Solids</b>	: 35 ± 2% theoretical
<b>Recommended WFT</b>	: 100-120 microns/coat
<b>Recommended DFT</b>	: 35-30 microns/coat

(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)

<b>Theoretical Coverage</b>	: 10 m <sup>2</sup> /l @ 25 microns DFT
<b>Flash Point</b>	: > 100°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
<b>Touch dry@30°C</b>	: 45 - 60 minutes
<b>Hard dry @30°C</b>	: 6-8 hours
<b>Over coating Interval</b>	: 4 hours (Minimum)
<b>VOC</b>	: < 50 gm/l
<b>Shelf Life</b>	: 24 months from the date of manufacturing

### Surface Preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### Coating System:

<b>Primer</b>	: <b>Super Interior Primer</b> - 1 Coat
<b>Filler</b>	: <b>Kingdom Acrylic Putty</b> - 2 Coats
<b>Topcoat</b>	: Depends upon Specifications.

**Application data:****Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (μm)

**Wet film thickness** : 75– 100 microns (μm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

- Airless spray** : (0 – 10) % by volume  
**Air spray** : (25 – 35) % by volume  
**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

- Surface (touch) dry** : 1 Hrs. @25°C  
**Full Dry** : 2 Hrs. @ 25°C  
**Dry to overcoat minimum** : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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*Kingdom Super Interior Primer - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.*





## **KINGDOM ACRYLIC PUTTY**

### **Product Description:**

A PVA based high solid smooth putty with high quality fillers, having excellent body filling and very good coverage. It is a general-purpose filler for interior application

### **Features:**

It is fast drying and has excellent sanding ability with very good recoat ability. It smoothly covers the surface imperfections or dents and provides a levelled smooth finish.

### **Recommended use & Substrate:**

It is recommended as an interior body filling or surface levelling putty for concrete, plaster, gypsum, masonry works etc.

### **Product Data:**

<b>Finish</b>	: Matt
<b>Color</b>	: Available in white
<b>Specific Gravity</b>	: 1.70 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: Thick paste
<b>Flash point</b>	: > 100°C
<b>VOC</b>	: 50g/l - max
<b>Solids by volume</b>	: 52 ± 2 volume%, ASTM D – 5201
<b>Spreading Rate</b>	: 3 m <sup>2</sup> /kg theoretically @ 100μ D.F.T.

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### **Surface preparation:**

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### **Recommended coating system:**

<b>Primer</b>	: One coat of Kingdom primer sealer.
<b>Topcoat</b>	: Two coats of Kingdom acrylic putty

### **Application data:**

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.



- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

#### Relative Humidity

- Relative humidity must be below 75% during drying and curing.

#### The product can be applied by

- Paste scraper
- Putty knife

#### Cleaning of painting tools

- Water

#### Recommended film thickness per coat:

**Dry film thickness** : 100– 200 microns ( $\mu\text{m}$ )

**Wet film thickness** : 192– 384 microns ( $\mu\text{m}$ )

Film thickness will vary and is calculated as average.

#### Thinner:

It is ready to use putty, not recommended for thinning.

#### Drying time:

**Surface (touch) dry** : 1 Hrs. @25°C

**Full Dry** : 2 Hrs. @ 25°C

**Dry to overcoat minimum** : 4 Hrs. minimum @ 25°C.

#### Shelf life & Storage:

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

#### Health and safety precautions:

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

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*Kingdom Acrylic Putty - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.*





## KINGDOM EGG SHELL MATT

### Product Description:

A superior quality, alkali resistant, acrylic co-polymer based emulsion. It gives a matt egg shell decorative finish with good hiding power.

### Features:

Excellent hiding, excellent adhesion, easy to apply, Effortless application and smooth finish.

### Recommended use & Substrate:

It is recommended for the decorative applications on interior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos etc.

### Product Data:

<b>Finish</b>	: Egg shell matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.55 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 40 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 95% at W.F.T 100μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 13.3 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Topcoat</b>	: Two coats minimum of <b>Kingdom Exterior Emulsion Matt</b> .

### Application data:

#### Application conditions

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.



- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (μm)

**Wet film thickness** : 75– 100 microns (μm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C

**Full Dry** : 2 Hrs. @ 25°C

**Dry to overcoat minimum** : 4 Hrs. minimum @ 25°C.



**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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*Kingdom Eggshell - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*





## **KINGDOM INTERIOR EMULSION MATT**

### Product Description:

An economical interior matt emulsion with good opacity, specially formulated to provide a matt finish for internal walls and ceilings.

### Features:

Excellent hiding, excellent adhesion, easy to apply, Effortless application and smooth finish.

### Recommended use & Substrate:

It is recommended for the decorative applications on interior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos etc. It is not suitable for bathrooms or areas continuously exposed to damp conditions.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.55 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 42 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 95% at W.F.T 100μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 14 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Filler</b>	: Two coats of <b>Kingdom Acrylic Putty-Interior</b> .
<b>Topcoat</b>	: Two coats minimum of <b>Kingdom Interior Emulsion Matt</b> .

### Application data:

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.



- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

#### Relative Humidity

- Relative humidity must be below 75% during drying and curing.

#### Remarks

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

#### The product can be applied by

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

#### Guiding data for airless spray

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

#### Cleaning of painting tools

- Water

#### Recommended film thickness per coat:

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 72– 95 microns (µm)

Film thickness will vary and is calculated as average.

#### Thinner:

Recommended thinner is clean Tap water.

#### Thinning (Dilution) ratio:

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.



**Drying time:**

Surface (touch) dry	: 1 Hrs. @25°C
Full Dry	: 2 Hrs. @ 25°C
Dry to overcoat minimum	: 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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Kingdom Interior Emulsion Matt - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.





## KINGDOM ACRYLIC INTERIOR EMULSION MATT - KP300

### Product Description:

A water based non-yellowing acrylic co-polymer emulsion with good opacity, specially formulated to provide a cost-effective matt finish for internal walls and ceilings.

### Features:

Excellent opacity, excellent adhesion, easy to apply, effortless application and smooth finish.

### Recommended use & Substrate:

It is recommended for the decorative applications on interior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos etc. It is not suitable for bathrooms or areas continuously exposed to damp conditions.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.55 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 40 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 96% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 13.3 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Filler</b>	: Two coats of <b>Kingdom Acrylic Putty-Interior</b> .
<b>Topcoat</b>	: Two coats minimum of <b>Kingdom Acrylic Interior Emulsion Matt KP-300</b>

### Application data:

#### Application conditions

- Surface temperature must be above 5°C during application and curing.



- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 75– 100 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.



**Drying time:**

Surface (touch) dry : 1 Hrs. @25°C  
Full Dry : 2 Hrs. @ 25°C  
Dry to overcoat minimum : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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*Kingdom Acrylic Interior Emulsion Matt\_KP300 - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.*





## KINGDOM INTERIOR / EXTERIOR EMULSION MATT

### Product Description:

A superior quality, non-yellowing decorative emulsion based on acrylic co-polymer for interior and exterior surfaces.

### Features:

Excellent weather resistance, excellent scrub & water resistance, excellent adhesion, excellent alkali and salt resistance, easy to apply, effortless application and smooth and levelled finish

### Recommended use & Substrate:

It is recommended for the decorative applications on interior / exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.55 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 40 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 94% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 13 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

### Recommended coating system:

#### **For Exterior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Exterior/Interior Emulsion Matt**.

#### **For Interior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Putty** : Two coats minimum of **Kingdom Acrylic Putty-Interior**.  
**Topcoat** : Two coats minimum of **Kingdom Exterior/Interior Emulsion Matt**.

**Application data:**

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 75– 100 microns (µm)

Film thickness will vary and is calculated as average.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.



**Thinner:**

Recommended thinner is clean Tap water.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C  
**Full Dry** : 2 Hrs. @ 25°C  
**Dry to overcoat minimum** : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

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Kingdom Interior/Exterior Emulsion Matt - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.





## KINGDOM 700 INTERIOR / EXTERIOR MATT EMULSION

### Product Description:

A high-quality, non-yellowing, highly washable, decorative, and protective emulsion based on acrylic co-polymer for interior and exterior surfaces.

### Features:

It has very high opacity, excellent alkali resistance, and UV resistance properties. It provides an antichalking smooth matt finish.

### Recommended use & Substrate:

It is recommended for decorative applications on interior/exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos wood, etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.53 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 135 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 42 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 96% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 14 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Topcoat</b>	: Two coats minimum of <b>Kingdom 700 Interior Exterior Matt Emulsion</b> .

### Application data:

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.



- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 75– 100 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.



**Drying time:**

Surface (touch) dry : 1 Hrs. @25°C  
Full Dry : 2 Hrs. @ 25°C  
Dry to overcoat minimum : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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*Kingdom 700 Interior/Exterior Matt Emulsion - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.*





## KINGDOM ACRYLIC EMULSION GLOSS

### Product Description:

A high-quality acrylic co-polymer based, highly washable, durable, non-yellowing protective and decorative gloss emulsion paint for interior and exterior surfaces.

### Features:

It has excellent alkali resistance and weather resistance property. It provides highly durable, long lasting and non-yellowing properties on outdoor application.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Gloss
<b>Gloss</b>	: above 50% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.10 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 110 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 38 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 95% at W.F.T 150μ
<b>VOC</b>	: 50g/l (max)-ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 12.6 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

#### **For Exterior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Gloss**.

**For Interior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Putty** : Two coats of **Kingdom Acrylic Putty-Interior**.  
**Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Gloss**.

**Application data**

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry and minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 79– 105 microns (µm)

Film thickness will vary and is calculated as average.



**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume  
**Air spray** : (25 – 35) % by volume  
**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C  
**Full Dry** : 6 Hrs. @ 25°C  
**Dry to overcoat minimum** : 6 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Acrylic Emulsion\_Gloss - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.





## KINGDOM ACRYLIC EMULSION SEMI-GLOSS

### Product Description:

A superior quality acrylic co-polymer based, highly washable, stain resistant protective and decorative emulsion paint for interior and exterior surfaces.

### Features:

It has excellent alkali resistance and weather resistance property. It provides an attractive semi glossy finish having excellent UV resistance.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Semi-gloss
<b>Gloss</b>	: 20-30 % at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.15 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 110 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 38 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 95% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 12.6 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

#### **For Exterior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Semi-gloss**.

**For Interior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Putty** : Two coats of **Kingdom Acrylic Putty-Interior**.  
**Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Semi-gloss**.

**Application data:**

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 79– 105 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C

**Full Dry** : 6 Hrs. @ 25°C

**Dry to overcoat minimum** : 8 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Acrylic Emulsion\_Semi-Gloss - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM ACRYLIC EMULSION SILK

### Product Description:

A superior quality acrylic co-polymer based, highly washable, protective and decorative emulsion paint for interior and exterior surfaces.

### Features:

Excellent weather resistance, excellent adhesion, excellent scrub & water resistance, excellent alkali, salt & UV resistance, Good color retention, Easy to apply Effortless application smooth & leveling finish.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Silk
<b>Gloss</b>	: 15-20 % at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.15 ± 0.03 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 110 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 38 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 95% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 12.6 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

#### **For Exterior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Silk**.





**For Interior Surfaces:**

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Putty** : Two coats of **Kingdom Acrylic Putty-Interior**.  
**Primer** : One coat of **Kingdom Primer Sealer**.  
**Topcoat** : Two coats minimum of **Kingdom Acrylic Emulsion Silk**.

**Application data:****Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (μm)

**Wet film thickness** : 79– 105 microns (μm)

Film thickness will vary and is calculated as average.



**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. @25°C

**Full Dry** : 6 Hrs. @ 25°C

**Dry to overcoat minimum** : 8 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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*Kingdom Acrylic Emulsion\_Silk - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*



## **KINGDOM 1000 EXTERIOR EMULSION**

### Product Description:

A high-quality, non-yellowing, highly washable, decorative, and protective emulsion based on acrylic co-polymer for interior and exterior surfaces.

### Features:

It has high opacity, excellent alkali resistance, and UV resistance properties. It provides an anti-chalking smooth matt finish.

### Recommended use & Substrate:

It is recommended for decorative applications on interior/exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos wood, etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.52 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 38 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 96% at W.F.T 150μ
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 12.6 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Topcoat</b>	: Two coats minimum of <b>Kingdom 100 Exterior Emulsion</b> .

### Application data:

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.



- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 75– 100 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.





**Drying time:**

Surface (touch) dry : 1 Hrs. @25°C  
Full Dry : 2 Hrs. @ 25°C  
Dry to overcoat minimum : 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom 1000 Exterior Emulsion - Date of issue 01.03.2023.  
Please note that this data sheet supersedes the previous version.



## KINGDOM EXTERIOR EMULSION MATT

### Product Description:

A Superior quality exterior matt emulsion specially designed to endure the extreme weather conditions of Middle East. The product has excellent adhesion and superb color retention.

### Features:

Excellent weather resistance, excellent scrub & water resistance, excellent adhesion, excellent alkali and salt resistance, easy to apply, effortless application and smooth and levelled finish

### Recommended use & Substrate:

It is recommended for the decorative applications on exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos etc.

### Product Data:

Finish	: Matt
Gloss	: 0-3% at an angle of 60°, ASTM D - 523
Colors	: Available in white and as per color card.
Specific Gravity	: 1.55 ± 0.05 @ temperature of 25°C, ASTM D - 1475
Viscosity	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
Solids by volume	: 42 ± 2 volume%, ASTM D – 5201
Opacity	: Above 95% at W.F.T 100μ
VOC	: 50g/l -ISO 11890-2:2013
Flash point	: > 100°C
Spreading Rate	: 14 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

Primer	: One coat of <b>Kingdom Primer Sealer</b> .
Topcoat	: Two coats minimum of <b>Kingdom Exterior Emulsion Matt</b> .

### Application data:

#### Application conditions

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.



- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

#### Relative Humidity

- Relative humidity must be below 75% during drying and curing.

#### Remarks

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

#### The product can be applied by

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

#### Guiding data for airless spray

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

#### Cleaning of painting tools

- Water

#### Recommended film thickness per coat:

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 72– 95 microns (µm)

Film thickness will vary and is calculated as average.

#### Thinner:

Recommended thinner is clean Tap water.

#### Thinning (Dilution) ratio:

**Airless spray** : (0 – 10) % by volume

**Air spray** : (25 – 35) % by volume

**Roller and brush** : (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

<b>Surface (touch) dry</b>	: 1 Hrs. @25°C
<b>Full Dry</b>	: 2 Hrs. @ 25°C
<b>Dry to overcoat minimum</b>	: 4 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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*Kingdom Exterior Emulsion - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*





## KINGDOM SHIELD EXTERIOR MATT

### Product Description:

A high-performance, non-yellowing, protective emulsion paint based on Pure Acrylic Emulsion for interior and exterior use.

### Features:

It has high opacity, outstanding weather resistance, and provides an attractive matt finish.

### Recommended use & Substrate:

It is recommended for protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos, and wood etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Color</b>	: Available in white, colors & Bases
<b>Specific gravity</b>	: 1.30 ± 0.05
<b>Volume Solids</b>	: 35 ± 2% theoretical
<b>Recommended WFT</b>	: 85-115 microns/coat
<b>Recommended DFT</b>	: 30-40 microns/coat
(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)	
<b>Theoretical Coverage</b>	: 8.75 m <sup>2</sup> /l @ 40 microns DFT
<b>Flash Point</b>	: > 100°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, film thickness, number of coats applied and the relative humidity
<b>Touch dry</b>	: 45 - 60 minutes
<b>Hard dry</b>	: 4 - 6 hours
<b>Over coating Interval</b>	: 4 hours Minimum
<b>VOC</b>	: < 50 gm/l
<b>Shelf Life</b>	: 24 months from the date of manufacturing

### Surface Preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### Coating System:

#### For Interior :

<b>Primer</b>	: Kingdom Primer Sealer – 1 coat
<b>Filler</b>	: Kingdom Acrylic Putty – 2 coats
<b>Topcoat</b>	: Kingdom Shield Exterior matt

#### For Exterior :

<b>Primer:</b>	: Kingdom Primer Sealer – 1 coat
<b>Topcoat:</b>	: Kingdom Shield Exterior Matt



**Condition during application:**

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

**Thinning:**

Mix thoroughly and add maximum 20% by Volume of Clean Fresh Water depending upon surface porosity and method of application.

**Application Data:**

This product can be applied by Brush, Roller, Airless spray and Conventional Spray

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Shield Exterior Matt - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## **KINGDOM SHIELD EXTERIOR SEMI-GLOSS**

### **Product Description:**

A high-performance, non-yellowing, protective emulsion paint based on Pure Acrylic Emulsion for interior and exterior use.

### **Features:**

It has high opacity, outstanding weather resistance, and provides an attractive semi-gloss finish with excellent UV resistance.

### **Recommended use & Substrate:**

It is recommended for protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos, and wood etc.

### **Product Data:**

<b>Finish</b>	: Semi-gloss
<b>Color</b>	: Available in white, colors & Bases
<b>Specific gravity</b>	: 1.25 ± 0.05 (for white and pastel shades)
<b>Volume Solids</b>	: 35 ± 2% theoretical
<b>Recommended WFT</b>	: 85-115 microns/coat
<b>Recommended DFT</b>	: 30-40 microns/coat

(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)

<b>Theoretical</b>	: 8.75 m <sup>2</sup> /l @ 40 microns DFT
<b>Coverage Flash Point</b>	: > 100°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
<b>Touch dry@30°C</b>	: 45 - 60 minutes
<b>Hard dry @30°C</b>	: 6-8 hours
<b>Over coating Interval</b>	: 4 hours Minimum
<b>VOC</b>	: < 50 gm/l
<b>Shelf Life</b>	: 24 months from the date of manufacturing

### **Surface Preparation:**

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### **Coating System:**

#### **For Interior**

<b>Primer</b>	: Kingdom Primer Sealer – 1 coat
<b>Filler</b>	: Kingdom Acrylic Putty – 2 coats
<b>Topcoat</b>	: Kingdom Shield Exterior Semi-gloss

#### **For Exterior**

<b>Primer</b>	: Kingdom Primer Sealer – 1 coat
<b>Topcoat</b>	: Kingdom Shield Exterior Semi-gloss



**Condition during application:**

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

**Thinning:**

Mix thoroughly and add maximum 20% by Volume of Clean Fresh Water depending upon surface porosity and method of application.

**Application Data:**

This product can be applied by Brush, Roller, Airless spray and Conventional Spray

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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*Kingdom Shield Exterior Semi-Gloss - Date of issue 01.09.2023.  
Please note that this data sheet supersedes the previous version.*





## **KINGDOM SHIELD EXTERIOR SILK**

### Product Description:

A high-performance, non-yellowing, protective emulsion paint based on Pure Acrylic Emulsion for interior and exterior use.

### Features:

It has high opacity, outstanding weather resistance, and provides an attractive eggshell finish.

### Recommended use & substrate:

It is recommended for protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos, and wood etc.

### Product Data:

<b>Finish</b>	: Silky
<b>Color</b>	: Available in white, colors & Bases
<b>Specific gravity</b>	: 1.30 ± 0.05 (for white and pastel shades)
<b>Volume Solids</b>	: 35 ± 2% theoretical
<b>Recommended WFT</b>	: 85-115 microns/coat
<b>Recommended DFT</b>	: 30-40 microns/coat

(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)

<b>Theoretical</b>	: 8.75 m <sup>2</sup> /l @ 40 microns DFT
<b>Coverage Flash Point</b>	: > 100°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
<b>Touch dry@30°C</b>	: 45 - 60 minutes
<b>Hard dry @30°C</b>	: 6-8 hours
<b>Over coating Interval</b>	: 4 hours Minimum
<b>VOC</b>	: < 50 gm/l
<b>Shelf Life</b>	: 24 months from the date of manufacturing

### Surface Preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### Coating System:

#### **For Interior**

<b>Primer</b>	: Kingdom Primer Sealer – 1 coat
<b>Filler</b>	: Kingdom Acrylic Putty – 2 coats
<b>Topcoat</b>	: Kingdom Shield Exterior Silk

#### **For Exterior**

<b>Primer</b>	: Kingdom Primer Sealer – 1 coat
<b>Topcoat</b>	: Kingdom Shield Exterior Silk



**Condition during application:**

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

**Thinning:**

Mix thoroughly and add maximum 20% by Volume of Clean Fresh Water depending upon surface porosity and method of application.

**Application Data:**

This product can be applied by Brush, Roller, Airless spray and Conventional Spray

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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*Kingdom Shield Exterior Silk - Date of issue 01.09.2023. Please note that this data sheet supersedes the previous version.*



## KINGDOM MEDIUM TEXTURE

### Product Description:

A top quality, high build medium texture based on Acrylic-Co Polymer contains selected aggregates. It is suitable for exterior and interior uses.

### Features:

It has excellent mechanical film properties such as film hardness, adhesion, scratch and abrasion resistance.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Colors</b>	: Available in white and as per color catalogue
<b>Specific Gravity</b>	: 1.70± 0.1@ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: High viscous (Thixotropic)
<b>VOC</b>	: 25g/l (max)
<b>Flash point</b>	: Non Flammable
<b>Solids by volume</b>	: 65 ± 2 volume%, ASTM D – 2697
<b>Spreading Rate</b>	: 2-4 m <sup>2</sup> /kg @ 300μ thickness

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution. New concrete should be left for at least 30 days to cure before coating. The moisture content of the concrete surface should be below 5%.

### Coating system:

- Apply one coat of **Kingdom Primer Sealer** on the surface then leave to fully dry.
- Apply one coat of **Kingdom Medium Texture** by steel trowel.

### Application equipment / methods:

Roller, spray gun, Steel trowel and Plastic trowel

### Thinner:

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

Ready to use. 1 - 2% of tap water can be added for thinning if required. Depending on the weather and application conditions.

**Drying time:**

**Surface dry** : 1 Hour  
**Hard Dry** : 6 Hrs. @ 25°C  
**Complete curing** : 24 Hrs. minimum @ 25°C.

**Shelf life:**

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed and store up to 1 year. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

**Note:** Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.

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Kingdom Medium Texture - Date of issue 01.07.2022.  
Please note that this data sheet supersedes the previous version.





## **KINGDOM SOFT TEXTURE**

### **Product Description:**

A top quality, high build decorative and protective texture coatings based on Acrylic-Co Polymer contains fine aggregates, which resist all weather conditions. It is suitable for interior & exterior uses.

### **Features:**

It has excellent mechanical film properties such as film hardness, adhesion, scratch and abrasion resistance. It also has Algae and fungi resistance & Resistance to mud cracking tendency as well. It can be applied ease with variation in pattern and shape of the film by means of application method.

### **Recommended use & Substrate:**

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### **Product Data:**

**Packaging size** : Packing may vary from country to country according to local requirements.

**Finish** : Matt

**Colours** : Available in white.

**Specific Gravity** :  $1.7 \pm 0.1$  @ temperature of 25°C, ASTM D - 1475

**Viscosity** : High viscous (Thixotropic)

**Solids by volume** :  $70 \pm 2$  volume%, ASTM D – 2697

**Spreading Rate** : 2-3 (m<sup>2</sup>/kg) theoretically on 300μ D.F.T

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

**Water resistance** : Pass 7 days, ASTM D – 1735-04

**Alkali resistance** : Pass, 7 days (1% solution), ASTM D – 1308-02

**Salt resistance** : Pass, 7 days (1.5% solution) ASTM D – 1308

**Adhesion** : Pass, ASTM D – 3359

**Flexibility** : Pass, 3mm diameter, ASTM D – 522-93a

**Freeze Thaw Stability** : Pass 3 cycles ASTM D – 2243

**Heat Stability** : Pass, 30 days @ 50°C

**Flash point** : Non Flammable

### **Surface preparation:**

#### **New surfaces:**

All new surfaces must be cured at least for 30 days prior to application of the primer. The surface must be clean from by removing all forms release to get a suitable surface for application.

**For previously painted surfaces:**

Remove old paint from surfaces completely; make sure that the surface is clean, dry, and free from dust, oil, grease, salt, and mold.

**Recommended coating system:**

- Apply one coat of **Kingdom Primer Sealer** on the surface then leave to fully dry.
- Apply one coat of **Kingdom Soft Texture** then allow it to completely dry.
- Apply two coats of desired topcoat.

**Application data:**

**Remarks:**

Handle with care, Stir well before use.

**Application equipment / methods:**

By brush, roller, spray gun

**Recommended film thickness per coat:**

**Dry film thickness** : 300 – 350 microns ( $\mu\text{m}$ )

**Wet film thickness** : 428 – 500 microns ( $\mu\text{m}$ )

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 5-7% by volume for spray gun, 3-5% by volume for roller application and mainly depending on the weather conditions at application.

**Drying time:**

**Surface (touch) dry** : 1 Hrs. (Depending on the thickness)

**Full Dry** : 6 Hrs. @ 25°C

**Dry to overcoat, minimum** : 8 Hrs. minimum @ 25°C.

**Shelf life:**

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed and store up to 1 year. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

**Note:** Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act".

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Kingdom Soft Texture - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



[www.kingdompaints.sa](http://www.kingdompaints.sa)

## KINGDOM COARSE TEXTURE

### Product Description:

A top quality, high build coarse texture based on Acrylic-Co Polymer contains selected aggregates. It is suitable for exterior and interior uses.

### Features:

It has excellent mechanical film properties such as film hardness, adhesion, scratch and abrasion resistance.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Colors</b>	: Available in white and as per color catalogue
<b>Specific Gravity</b>	: $1.70 \pm 0.1$ @ temperature of $25^{\circ}\text{C}$ , ASTM D - 1475
<b>Viscosity</b>	: High viscous (Thixotropic)
<b>VOC</b>	: 25g/l (max)
<b>Flash point</b>	: Non Flammable
<b>Solids by volume</b>	: $65 \pm 2$ volume%, ASTM D – 2697
<b>Spreading Rate</b>	: 2-4 $\text{m}^2/\text{kg}$ @ 300 $\mu$ thickness

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution. New concrete should be left for at least 30 days to cure before coating. The moisture content of the concrete surface should be below 5%.

### Coating system:

- Apply one coat of **Kingdom Primer Sealer** on the surface then leave to fully dry.
- Apply one coat of **Kingdom Coarse Texture** by steel trowel.

### Application equipment / methods:

Roller, spray gun, Steel trowel and Plastic trowel

### Thinner:

Recommended thinner is clean Tap water.





**Thinning (Dilution) ratio:**

Ready to use. 1 - 2% of tap water can be added for thinning if required. Depending on the weather and application conditions.

**Drying time:**

**Surface dry** : 1 Hour  
**Hard Dry** : 6 Hrs. @ 25°C  
**Complete curing** : 24 Hrs. minimum @ 25°C.

**Shelf life:**

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed and store up to 1 year. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

**Note:** Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.

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Kingdom Coarse Texture - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.





دهانات المملكة  
KINGDOM PAINTS



# الدهانات الديكورية Decorative Paints

Technical Data Sheet

## KINGDOM GRAVIATO

### Product Description:

A water based texture Rendering based on acrylic copolymer, contains hard aggregates of marble chips to protect exterior surfaces from hard weather condition, give strong, homogenous and attractive lines in a single coat to provide a beautiful decorative appearance.

### Features:

It has excellent mechanical film properties such as film hardness, adhesion, scratch and abrasion resistance. Excellent in color retention and resistance to mud cracking tendency as well. It can be applied ease with variation in pattern and shape of the film by means of application method.

### Recommended use & Substrate:

It is recommended for the protective & decorative applications on interior and exterior surfaces like concrete, plaster, brickwork, masonry, gypsum board, asbestos and wood etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Colors</b>	: Available in white and as per color catalogue
<b>Specific Gravity</b>	: 1.80± 0.1@ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: High viscous (Thixotropic)
<b>VOC</b>	: 25g/l (max)
<b>Flash point</b>	: Non Flammable
<b>Solids by volume</b>	: 70 ± 2 volume%, ASTM D – 2697
<b>Spreading Rate</b>	: 0.27-0.35 m <sup>2</sup> /kg @ 3000μ thickness

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All surfaces must be dry, clean, free of all grease, dirt, lose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution. New concrete should be left for at least 30 days to cure before coating. The moisture content of the concrete surface should be below 5%.

### Coating system:

- Apply one coat of **Kingdom Primer Sealer** on the surface then leave to fully dry.
- Apply one coat of **Kingdom Graviato** by steel trowel.
- Make the required design by plastic trowel, clean the trowel during application with a water saturated sponge
- Smooth the surface and make it uniform by plastic trowel to get the desired beautiful and uniform appearance.

**Application equipment / methods:**

Steel trowel. Plastic trowel

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

Ready to use. 1 - 2% of tap water can be added for thinning if required. Depending on the weather and application conditions.

**Drying time:**

**Surface dry** : 1 Hour  
**Hard Dry** : 24 Hrs. @ 25°C  
**Complete curing** : 7 days minimum @ 25°C.

**Shelf life:**

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed and store up to 1 year. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

**Note:** Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.

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Kingdom Graviato - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.





## KINGDOM WEATHER SHIELD

### Product Description:

An acrylic copolymer-based, medium-textured emulsion paint, that contains quartz and marble aggregates and pigments. It is a flexible, tough, and weather-resistant decorative texture coating for interior and exterior surfaces.

### Features:

It has excellent mechanical film properties such as film hardness, adhesion, scratch, and abrasion resistance. It also has Algae and fungi resistance and resistance to mud cracking tendency as well.

### Recommended use & substrate:

It is recommended as a decorative and protective texture body coat for architectural surfaces such as concrete and plastered surfaces, panels and fiberboards, ceiling boards, and timber panels under interior or exterior conditions.

### Product Data:

<b>Color</b>	: White
<b>Specific gravity</b>	: 1.65 ± 0.05
<b>Volume Solids</b>	: 60 ± 2% theoretical
<b>Theoretical Coverage</b>	: 18-20 m <sup>2</sup> /25Kg drum

(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)

<b>Flash Point</b>	: > 100°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
<b>Touch dry@30°C</b>	: 1-2 hours
<b>Hard dry @30°C</b>	: 8-10 hours
<b>Over coating Interval</b>	: 12 hours Minimum :
<b>VOC</b>	< 30 gm/l
<b>Pack Size</b>	: 25 kg
<b>Shelf Life</b>	: 12 months

### Surface Preparation:

The service life span and the service performance of this product are directly related to the degree of surface preparation.

All surfaces must be dry, clean, free of all grease, dirt, lose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution. New concrete should be left for at least 30 days to cure before coating.

The moisture content of the concrete surface should be checked and ensured to be below 5% using a reliable moisture meter.

**Coating System:**

Primer : Kingdom Primer Sealer  
Texture : Kingdom Weather Shield

**Condition during application:**

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

**Thinning:**

Material must be mixed properly before use and thinning is not recommended.

**Application Data:**

This product can be applied by Stainless steel trowel and structured by plastic trowel.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Weather Shield - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM ANTIMICROBIAL PAINT

### Product Description:

Kingdom Anti-Microbial Paint is an acrylic based paint with non-added lead and mercury which gives a low sheen finish for interior walls. This anti-bacterial paint provides protection from bacteria which promotes better hygiene and health.

### Features:

It is an ideal paint for use in homes, schools and food preparation areas. Kingdom Anti-Bacterial Emulsion has a special formula which protects the environment from any types of bacteria such as E-Coli and Staphylococcus Aureus - useful for inhibition of asthma, flu and diarrhea.

### Recommended Use & Substrate:

It is recommended for steel structures and surfaces in domestic and moderate corrosive environments.

### Product Data:

<b>Finish</b>	: Silk, Semi-Gloss
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: 1.10 ± 0.20 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 10KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 40 ± 2 volume%, ASTM D – 5201
<b>Opacity</b>	: Above 96% at W.F.T 150μ
<b>Spreading Rate</b>	: 13.3 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Flash point</b>	: >100°C

### Surface Preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

### Recommended Coating System:

<b>Primer:</b>	One coat of Kingdom primer sealer
<b>Topcoat:</b>	Two coats minimum of Kingdom anti-Microbial paint

### Application Data:

Application conditions

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.

- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity:**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended Film Thickness per Coat:**

**Dry film thickness:** 30 – 40 microns (µm)

**Wet film thickness:** 75– 100 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

Airless spray: (0 – 10) % by volume

Air spray: (25 – 35) % by volume

Roller and brush: (15 – 20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

Surface (touch) dry: 1 Hrs. @25°C

Full dry: 2 Hrs. @ 25°C

Dry to overcoat minimum: 4 Hrs. minimum @ 25°C.





**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C. **Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children. For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose. Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act."

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*Kingdom Antimicrobial - Date of issue 01.01.2024.  
Please note that this data sheet supersedes the previous version.*





دهانات المملكة  
KINGDOM PAINTS

# ذو أساس مذيب Solvent-Based

Technical Data Sheet



## **KINGDOM ALKYD PRIMER**

### Product Description:

A general purpose alkyd based primer loaded with non-toxic and anticorrosive pigments for the protection of steel surfaces against moderate corrosive environments.

### Features:

It provides good anticorrosion protection to iron and steel structures that are exposed to moderate climatic conditions. It has good hiding power and can hide minor surface imperfections or stains on surfaces.

### Recommended use & Substrate:

It is recommended for steel structures and surfaces in domestic and moderate corrosive environments.

### Product Data:

<b>Finish</b>	: Matt
<b>Gloss</b>	: 0-3% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Red oxide & Grey
<b>Specific Gravity</b>	: 1.60 ± 0.10 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 120 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 53 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 17 (m <sup>2</sup> /l) theoretically on 30μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Sagging</b>	: 150 μ, ASTM-D4400
<b>Flash point</b>	: 38°C

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

### Coating system:

<b>Primer</b>	: One coat of Kingdom alkyd primer
<b>Topcoat</b>	: Two coats of desired topcoat

### Application data:

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.



- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

#### **Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

#### **Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.

#### **The product can be applied by**

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

#### **Guiding data for airless spray**

- Nozzle tip 0.015" –0.019"
- Spray angle degrees 40-50°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

#### **Guiding data for air spray**

- Nozzle orifice: 0.070"-0.080"

#### **Cleaning of painting tools**

- Kingdom thinner 801

#### **Recommended film thickness per coat:**

**Dry film thickness** : 30– 40 microns (μm)

**Wet film thickness** : 56– 75 microns (μm)

Film thickness will vary and is calculated as average.

#### **Thinner:**

Recommended thinner is **Kingdom Thinner 801**

#### **Thinning (Dilution) ratio:**

**Airless spray** : (0 - 5) % by volume

**Air spray** : (10 - 20) % by volume

**Roller and brush** : (5 -15) % by volume

All above depends on the weather and application conditions.





**Drying time:**

Surface (touch) dry : 3 Hrs. @25°C  
Full Dry : 12 Hrs. @ 25°C  
Dry to overcoat minimum : 24 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Alkyd Primer - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM PENETRATION PRIMER

### Product Description:

A superior-quality Solvent-based acrylic primer/sealer with high opacity and binding properties.

### Features:

It penetrates well into the substrate and ensures excellent adhesion between substrate and topcoat. Its alkali-resistant properties resist discoloration and improve the performance and appearance of the topcoats.

### Recommended use & Substrate:

It is an ideal priming for exterior/interior substrates like concrete, cement plaster, gypsum board partition, etc.

### Product Data:

<b>Finish</b>	: Matt
<b>Color</b>	: White
<b>Specific gravity</b>	: 1.20 ± 0.05
<b>Volume Solids</b>	: 30 ± 2% theoretical
<b>Recommended WFT</b>	: 83 -100 microns/coat
<b>Recommended DFT</b>	: 25-30 microns/coat

(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)

<b>Theoretical Coverage</b>	: 12 m <sup>2</sup> /l @ 25 microns DFT
<b>Flash Point</b>	: > 25°C
<b>Drying Time</b>	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
<b>Touch dry@30°C</b>	: 60 minutes
<b>Hard dry @30°C</b>	: 4-5 hours
<b>Over coating Interval</b>	: 4 hours Minimum
<b>VOC</b>	: < 650 gm/l
<b>Pack Size</b>	: 18 & 3.6 liters
<b>Shelf Life</b>	: 24 months from the date of manufacturing

### Surface Preparation:

All surfaces must be dry, clean, free of all grease, dirt, loose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### Coating System:

<b>Primer</b>	: Kingdom Penetration Primer
<b>Finish</b>	: depends upon specifications.

**Condition during application:**

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

**Thinning:**

Mix thoroughly and add maximum 5% by Volume of Thinner No.20 depending upon surface porosity and method of application.

**Application Data:**

This product can be applied by Brush, Roller, Airless spray and Conventional Spray.

**Health and Safety:**

- Wear appropriate protection such as gloves, goggles, face mask, barrier creams.
- Provide adequate ventilation.
- Avoid eye or skin contact.
- Close container after use.

**Storage:**

The product must be stored in a dry, cool, well-ventilated area and away from source of heat and ignition, also must be kept tightly closed.

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Kingdom Penetration Primer - Date of issue 01.07.2022.

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## KINGDOM ENAMEL FLAT

### Product Description:

An alkyd based flat enamel is designed to provide good dry hide appearance when applied to properly prepared surfaces. It resists spattering and exhibits good touch-up characteristics. The flat sheen hides surface imperfections

### Features:

It has excellent leveling and high opacity to provide a smooth and attractive flat finish on surfaces.

### Recommended use & Substrate:

It is recommended to apply on suitably primed concrete, plaster walls, wood, steel, and gypsum surfaces where attractive flat finish is required.

### Product Data:

<b>Finish</b>	: Flat
<b>Gloss</b>	: 0-5% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Available in white and as per color card
<b>Specific Gravity</b>	: 1.50 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 110 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 45 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 12.8 (m <sup>2</sup> /l) theoretically on 35μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Sagging</b>	: 150 μ, ASTM-D4400
<b>Water resistance</b>	: Pass 7 days, ASTM D –870
<b>Scratch resistance</b>	: Pass, ASTM D-5178
<b>Adhesion</b>	: Pass, ASTM D – 3359
<b>Flash point</b>	: 38°C

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

#### For masonry surfaces

<b>Primer</b>	: One coat of <b>Kingdom Primer Sealer</b> .
<b>Putty</b>	: One or two coats of <b>Kingdom Acrylic Putty</b> .
<b>Topcoat</b>	: Two coats of <b>Kingdom Enamel Flat</b> .





For steel surfaces

**Primer** : One coat of **Kingdom Alkyd Primer**.

**Topcoat** : Two coats of **Kingdom Enamel Flat**.

Application data:

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.015–0.019"
- Spray angle degrees 40-60°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Guiding data for air spray**

- Nozzle size: 1.5-1.8 mm

**Cleaning of painting tools**

- Kingdom thinner 801

Recommended film thickness per coat:

**Dry film thickness** : 35– 45 microns (µm)

**Wet film thickness** : 77– 100 microns (µm)

Film thickness will vary and is calculated as average.

Thinner:

Recommended thinner is **Kingdom Thinner 801**



**Thinning (Dilution) ratio:**

**Airless spray** : (0 - 10) % by volume

**Air spray** : (10 - 20) % by volume

**Roller and brush** : (10 -15) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 3 Hrs. @25°C

**Full Dry** : 18 Hrs. @ 25°C

**Dry to overcoat minimum** : 24 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Enamel Flat - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM ENAMEL SEMI-GLOSS

### Product Description:

A Superior quality enamel based on modified alkyd containing titanium dioxide and other high-grade color-fast pigments to provide a tough, durable and hardwearing semi-gloss finish.

### Features:

It has excellent flow, film build-up, hiding power, color and gloss retention properties It also has high washability and stain resistance properties.

### Recommended use & Substrate:

It is recommended to apply on suitably primed concrete, plaster walls, wood, steel, and gypsum surfaces where semi-gloss finish is required.

### Product Data:

<b>Finish</b>	: Semi-gloss
<b>Gloss</b>	: 30-50% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Available in white and as per color card
<b>Specific Gravity</b>	: 1.20 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 100 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 45 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 12.8 (m <sup>2</sup> /l) theoretically on 35μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Sagging</b>	: 150 μ, ASTM-D4400
<b>Water resistance</b>	: Pass 7 days, ASTM D –870
<b>Scratch resistance</b>	: Pass, ASTM D-5178
<b>Adhesion</b>	: Pass, ASTM D – 3359
<b>Flash point</b>	: 38°C

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

#### For masonry surfaces

- |                |  |
|----------------|--|
| <b>Primer</b>  | : One coat of <b>Kingdom Primer Sealer</b> .         |
| <b>Putty</b>   | : One or two coats of <b>Kingdom Acrylic Putty</b> . |
| <b>Topcoat</b> | : Two coats of <b>Kingdom Enamel Semi-gloss</b> .    |



For steel surfaces

- Primer** : One coat of **Kingdom Alkyd Primer**.  
**Topcoat** : Two coats of **Kingdom Enamel Semi-gloss**.

Application data:**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.015–0.019"
- Spray angle degrees 40-60°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Guiding data for air spray**

- Nozzle size: 1.5-1.8 mm

**Cleaning of painting tools**

- Kingdom thinner 801

Recommended film thickness per coat:

**Dry film thickness** : 35– 45 microns (μm)

**Wet film thickness** : 77– 100 microns (μm)

Film thickness will vary and is calculated as average.

Thinner:

Recommended thinner is **Kingdom Thinner 801**





**Thinning (Dilution) ratio:**

Airless spray	: (0 - 10) % by volume
Air spray	: (10 - 20) % by volume
Roller and brush	: (10 -15) % by volume

All above depends on the weather and application conditions.

**Drying time:**

Surface (touch) dry	: 3 Hrs. @25°C
Full Dry	: 24 Hrs. @ 25°C
Dry to overcoat minimum	: 30 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act."

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Kingdom Enamel Semi Gloss - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM ENAMEL GLOSS

### Product Description:

A superior quality enamel based on alkyd resin for architectural and decorative paints for wooden, masonry and steel surfaces.

### Features:

It dries to give tough, smooth, high gloss film, resistant to cracks and withstands abrasions. It has excellent weather resistance and stain resistance. It has very good adhesion on interior/exterior surfaces.

### Recommended use & Substrate:

It is recommended as architectural decorative paints for masonry, metal etc. surfaces in domestic and moderate environments.

### Product Data:

<b>Finish</b>	: Gloss
<b>Gloss</b>	: Above 80% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Available in white and as per color card
<b>Specific Gravity</b>	: 1.05 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 105 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 45 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 12.8 (m <sup>2</sup> /l) theoretically on 30 μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Sagging</b>	: 150 μ, ASTM-D4400
<b>Water resistance</b>	: Pass 7 days, ASTM D –870
<b>Scratch resistance</b>	: Pass, ASTM D-5178
<b>Adhesion</b>	: Pass, ASTM D – 3359
<b>Flash point</b>	: 38°C

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

**Recommended coating system:**

For masonry surfaces

- Primer** : One coat of **Kingdom Primer Sealer**.  
**Putty** : One or two coats of **Kingdom Acrylic Putty**.  
**Topcoat** : Two coats of **Kingdom Enamel Gloss**.

For steel surfaces

- Primer** : One coat of **Kingdom Alkyd Primer**.  
**Topcoat** : Two coats of **Kingdom Enamel Gloss**.

**Application data:**

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.015–0.019"
- Spray angle degrees 40-60°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Guiding data for air spray**

- Nozzle size: 1.5-1.8 mm

**Cleaning of painting tools**

- Kingdom thinner 801



**Recommended film thickness per coat:**

**Dry film thickness** : 35– 45 microns ( $\mu\text{m}$ )  
**Wet film thickness** : 77– 100 microns ( $\mu\text{m}$ )  
Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is kingdom thinner 801

**Thinning (Dilution) ratio:**

**Airless spray** : (0 - 10) % by volume  
**Air spray** : (10 - 20) % by volume  
**Roller and brush** : (10 -15) % by volume

All above depends on the weather and application conditions.

**Drying time:**

**Surface (touch) dry** : 3 Hrs. @25°C  
**Full Dry** : 24 Hrs. @ 25°C  
**Dry to overcoat minimum** : 30 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

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*Kingdom Enamel Gloss - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*





## **KINGDOM ALKYD VARNISH**

### **Product Description:**

A Superior quality enamel based on modified alkyd containing titanium dioxide and other high-grade color-fast pigments to provide a tough, durable and hardwearing semi-gloss finish.

### **Features:**

It has high gloss and excellent gloss retention. It offers highly transparent film with excellent levelling.

### **Recommended use & Substrate:**

It is recommended to use as clear glossy finish topcoat paint for interior applications on wooden surfaces.

### **Product Data:**

<b>Finish</b>	: High gloss
<b>Gloss</b>	: Above 90% at an angle of 60°, ASTM D - 523
<b>Color</b>	: Clear
<b>Specific Gravity</b>	: 0.90 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 95 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 42 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Transparent
<b>Spreading Rate</b>	: 16.8 (m <sup>2</sup> /l) theoretically on 25µ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Sagging</b>	: 150 µ, ASTM-D4400
<b>Water resistance</b>	: Pass 7 days, ASTM D –870
<b>Scratch resistance</b>	: Pass, ASTM D-5178
<b>Adhesion</b>	: Pass, ASTM D – 3359
<b>Flash point</b>	: 38°C

### **Surface preparation:**

All surfaces must be dry and clean of all grease, dirt, and loose or powdery materials. The moisture content of the wood should not exceed 16%. Surface must be sanded to eliminate imperfections and any defects filled with suitable filler. New wood should be treated with one coat of Wood Preservative

### **Recommended coating system:**

Kingdom Alkyd Varnish should be applied as a 2-3 coats system depending upon surface porosity.

Application data:

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.

**The product can be applied by**

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.015–0.019"
- Spray angle degrees 40-60°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Guiding data for air spray**

- Nozzle size: 1.5-1.8 mm

**Cleaning of painting tools**

- Kingdom thinner 801

Recommended film thickness per coat:

**Dry film thickness** : 35– 45 microns (µm)

**Wet film thickness** : 77– 100 microns (µm)

Film thickness will vary and is calculated as average.

Thinner:

Recommended thinner is **Kingdom Thinner 801**

**Thinning (Dilution) ratio:**

- Airless spray** : (0 - 10) % by volume  
**Air spray** : (10 - 30) % by volume  
**Roller and brush** : (10 -20) % by volume

All above depends on the weather and application conditions.

**Drying time:**

- Surface (touch) dry** : 3 Hrs. @25°C  
**Full Dry** : 24 Hrs. @ 25°C  
**Dry to overcoat minimum** : 30 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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Kingdom Alkyd Varnish - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM ALUMINIUM

### Product Description:

Kingdom Aluminium is a one-component, styrene-modified, oxidatively drying alkyd coating. It is heat resistant up to 250°C and can be used as an exterior aluminum finish, usually within an alkyd system. It can be used as a primer, mid-coat, or finish coat in atmospheric environments. It is suitable for properly prepared carbon steel and aluminum substrates.

### Features:

It offers excellent coverage and hiding, exceptional durability, and is suitable for both exterior and interior protection.

### Recommended Use & Substrate:

It is recommended for use as a protective top coat for both interior and exterior applications on steel surfaces. It has excellent light and heat-reflecting properties, making it ideal for use on exhaust pipes, process piping, and engine parts.

### Product Data:

<b>Finish</b>	: Glossy (Aluminum Sheen)
<b>Color</b>	: Aluminum Silver
<b>Specific Gravity</b>	: 0.95 ± 0.03 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 55 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 45 ± 2 volume%, ASTM D – 2697
<b>Opacity</b>	: Above 96% at W.F.T 150μ
<b>Spreading Rate</b>	: 15 (m <sup>2</sup> /l) theoretically on 25μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Flash point</b>	: 36°C

### Surface Preparation:

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination. The surface shall be hand or machine abraded with non-metallic abrasives or bonded fiber machine, hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface. Clean dry and undamaged primer.

### Remarks

- Stir well before use.
- To avoid settling continuous stirring is required during application.
- Handle with Care.

### Recommended Coating System:

**Spray:** Use air or airless spray.

**Brush:** Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.



**Roller:** May be used for small area. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness.

#### **Guiding data for airless spray**

- Nozzle tip (inch/1000): 15-19
- Pressure at nozzle (minimum) 150bar/2100 psi

#### **Application Procedure:**

- Apply a suitable anti-corrosive primer and let it fully dry.
- Apply Kingdom Aluminum.

#### **Recommended Film Thickness per Coat:**

**Dry film thickness:** 20-30 microns ( $\mu\text{m}$ )

**Wet film thickness:** 45– 65 microns ( $\mu\text{m}$ )

Film thickness will vary and is calculated as average.

#### **Thinner:**

Kingdom Thinner

#### **Product mixing ratio (by volume):**

Single pack

#### **Drying time:**

**Surface (touch) dry:** 30 min (Depending on the thickness & temperature)

**Full dry:** 10 Hrs. @ 25°C (Depending on the thickness & temperature)

**Dry to overcoat minimum:** 12 Hrs. minimum @ 25°C.

\*Drying and curing times are determined under controlled temperatures and relative humidity below 85%, and at average of the range for the product.

\*Surface (touch dry): The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

\*Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprint or other physical damage.

\*Dry to over coat, minimum: The shortest time allowed before the next coat can be applied.

#### **Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C. **Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin or eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children. For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose. Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act.”

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Kingdom Aluminium- Date of issue 01.01.2024.

Please note that this data sheet supersedes the previous version.



## KINGDOM FLOORGUARD 400

### Product Description:

A two-component amide-cured high-performance epoxy coating that is easy to apply and has good chemical, abrasion, and impact resistance.

### Recommended use & Substrate:

The system is designed for steel decks and concrete floors subjected to medium-foot and rubber-tired vehicle traffic. Also suitable for walls and areas of intermittent chemical spills and power washing. Ideally suited for use in hospitals, dairies, warehouses, chemical plants, car parks, and meat & poultry plants.

### Product Data:

<b>Finish</b>	: Glossy
<b>Colors</b>	: White & Grey
<b>Gloss</b>	: 35-75
<b>Volume solids</b>	: 65 ± 2 % (ASTM-D2697-86)
<b>VOC</b>	: 300 g/l (NB. – Thinning will affect VOC compliance and volume solids)
<b>Typical thickness DFT</b>	: 80-100 microns
<b>Theoretical coverage</b>	: 6.5m <sup>2</sup> /liter @100 microns DFT
<b>Density</b>	: 1.30 ± 0.1 g/cc (mixed)
<b>Flash point</b>	: Part A: 32°C      Part B :35°C
<b>Mixing ratio</b>	: 4:1 by volume
<b>Shelf life</b>	: 24 months from the date of manufacturing
<b>Induction</b>	: 10 minutes
<b>time Pot life</b>	: 3 hours @ 25°C
<b>Pack size</b>	: 20 liters (Part A 16L+ Part B 4L)

### Film thickness & spreading rate:

Description	Unit	Min	Max
Dry film thickness	micron	80	100
Wet film thickness	micron	123	153
Spreading rate	M <sup>2</sup> /l	8.125	6.5

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

**Service temperature** : 120°C maximum

**Recommended thinner** : Kingdom Thinner 10



**Drying & curing time**

Description	10°C	23°C	40°C
Surface dry	12 Hours	3 Hours	1 Hour
Walk on dry	24 Hours	8 Hours	3 Hours
Dry to over coat minimum	24 Hours	8 Hours	3 Hours
Dried/cured for service	14 days	7 days	3 days

**Surface (touch) dry:** The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

**Walk-on-dry:** Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

**Dry to over coat, minimum:** The recommended shortest time before the next coat can be applied.

**Dried/cured for service:** Minimum time before the coating can be permanently exposed to the intended environment/medium

**Surface preparation:**

Remove all oil and grease in accordance with SSPC-SP 1. Manually prepared surfaces should be prepared in accordance with SSPC- SP 3 or SSPC-SP 2. Use Floorguard 200 as sealer coat.

**Recommended coating system:**

**Putty** : Epoxy putty  
**Primer** : Kingdom Floorguard sealer 200  
**Topcoat** : Kingdom Floorguard 400

**Application:**

**Application methods**

The product can be applied by

Spray: Use airless spray.

Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

Roller: May be used. Care must be taken to achieve the specified dry film thickness.

**Conditions during application:**

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.



**Storage:**

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Caution:**

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Floorguard 400 - Date of issue 01.09.2023.

Please note that this data sheet supersedes the previous version.



## KINGDOM FLOORSEAL 200

### Product Description:

A two-component, epoxy polyamide sealer with excellent penetrating properties into the porous surfaces.

### Recommended use & Substrate:

As a sealer coat for concrete floors and walls prior to the application of the subsequent floor coating system. Excellent as an anti-dusting coating on concrete floors subject to light foot and vehicle traffic.

### Product Data:

<b>Finish</b>	: Glossy
<b>Colors</b>	: Clear
<b>Volume solids</b>	: 30 ± 2 % (ASTM-D2697-86)
<b>VOC (solids)</b>	: 600 g/l (NB. – Thinning will affect VOC compliance and volume)
<b>Typical thickness DFT</b>	: 30 - 40 microns
<b>Theoretical coverage</b>	: 10 m <sup>2</sup> /liter @30 microns DFT
<b>Density</b>	: 1.00 ± 0.1 g/cc (mixed)
<b>Flash point</b>	: Part A: 32°C Part B :35°C
<b>Mixing ratio</b>	: 4:1 by volume
<b>Shelf life</b>	: 24 months from the date of manufacturing
<b>Induction time</b>	: 10 minutes
<b>Pot life</b>	: 3 hours @ 250C
<b>Pack size</b>	: 16 liters (Part A + Part B)

### Film thickness & spreading rate:

Description	Unit	Min	Max
Dry film thickness	micron	30	40
Wet film thickness	micron	100	133
Spreading rate	M <sup>2</sup> /l	10	7.5

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

**Service temperature** : 120°C maximum

**Recommended thinner** : Kingdom Thinner 10

**Drying & curing time**

Description	10°C	23°C	40°C
Surface dry	12 Hours	3 Hours	1 Hour
Walk on dry	24 Hours	8 Hours	3 Hours
Dry to over coat minimum	24 Hours	8 Hours	3 Hours
Dried/cured for service	14 days	7 days	3 days

**Surface (touch) dry:** The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

**Walk-on-dry:** Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

**Dry to over coat, minimum:** The recommended shortest time before the next coat can be applied.

**Dried/cured for service:** Minimum time before the coating can be permanently exposed to the intended environment/medium

**Surface preparation:**

Remove all oil and grease in accordance with SSPC-SP 1 Manually prepared surfaces should be prepared in accordance with SSPC- SP 3 or SSPC-SP 2. Use Floorguard 200 as sealer coat.

**Recommended coating system:**

**Putty** : Epoxy putty  
**Primer** : Kingdom Floorseal 200  
**Topcoat** : Kingdom Floorguard 400

**Application:**

**Application methods:**

The product can be applied by,

Spray: Use airless spray.

Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

Roller: May be used. Care must be taken to achieve the specified dry film thickness.

**Conditions during application:**

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

### Storage:

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

### Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work

### Health and safety precautions:

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

### Disclaimer:

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Kingdom Floorseal 200 - Date of issue 01.09.2023.

Please note that this data sheet supersedes the previous version.





## KINGDOM ROAD MARKING

### Product Description:

A tough, fast-drying and weather-durable coat formulated with Alkyd and chlorinated rubber resin to withstand wear for road and floor marking.

### Features:

It has excellent resistance to diesel, petrol, engine oil and water. The applied film has excellent eye visibility and offers abrasive resistant & weather resistant properties.

### Recommended use & Substrate:

It is recommended as a marking paint to draw parking bay lines, arrows, number, lines etc. Suitable for the use on bituminous and concrete substrates.

### Product Data:

<b>Finish</b>	: Silk
<b>Color</b>	: White, yellow & black
<b>Specific Gravity</b>	: 1.05 ± 0.05 @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: 110 ± 5KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: 50 ± 2 volume%, ASTM D – 5201
<b>Hiding</b>	: Above 95% at W.F.T 100μ
<b>Spreading Rate</b>	: 12.8 (m <sup>2</sup> /l) theoretically on 40 μ D.F.T each coat (Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)
<b>Flash point</b>	: 38°C

### Surface preparation:

The surface must be clean, dry and free from grease/oil and any other foreign matter

### Recommended coating system:

- Apply two coats with minimum dry film thickness of 40 microns each for optimum performance

### Application data:

#### **Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of recommended thinner can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.



### Relative Humidity

- Relative humidity must be below 75% during drying and curing.

### Remarks

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

### The product can be applied by

- Roller: Soft and smooth roller Recommended.
- Spray: Use airless spray or conventional spray.
- Brush: Recommended to paint corners and edges.

### Guiding data for airless spray

- Nozzle tip 0.015–0.019"
- Spray angle degrees 40-60°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

### Guiding data for air spray

- Nozzle size: 1.5-1.8 mm

### Cleaning of painting tools

- Kingdom thinner 801

### Recommended film thickness per coat:

**Dry film thickness** : 40– 60 microns (µm)

**Wet film thickness** : 80– 120 microns (µm)

Film thickness will vary and is calculated as average.

### Thinner:

Recommended thinner is kingdom thinner 801

### Thinning (Dilution) ratio:

**Airless spray** : (0 - 10) % by volume

**Air spray** : (10 - 20) % by volume

**Roller and brush** : (10 -15) % by volume

All above depends on the weather and application conditions.

### Drying time:

**Surface (touch) dry** : 3 Hrs. @25°C

**Full Dry** : 24 Hrs. @ 25°C

**Dry to overcoat minimum** : 30 Hrs. minimum @ 25°C.



**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of "Pollution Act and the Environmental Protection Act."

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Kingdom Road Marking - Date of issue 01.07.2022.

Please note that this data sheet supersedes the previous version.



## KINGDOM WATER PROOF

### Product Description:

A highly flexible waterproofing component formulated based on elastomeric acrylic copolymer for exterior application. It is designed to be highly flexible to cover hairline cracks, and it has excellent water resistance.

### Features:

Its adhesion property is able to seal the pores on the concrete to prevent water penetration into the substrate. It can absorb the possible shocks caused by the contraction and expansion of the substrate surfaces.

### Recommended use & substrate:

It is recommended as a waterproofing protective coating on cementitious surfaces, mosaic tiles, metal roofs, wooden roofs, domes, etc. for interior or exterior applications.

### Product Data:

<b>Finish</b>	: Silk
<b>Colors</b>	: Available in white and as per color card.
<b>Specific Gravity</b>	: $1.20 \pm 0.05$ @ temperature of 25°C, ASTM D - 1475
<b>Viscosity</b>	: $120 \pm 5$ KU @ temperature of 25°C, ASTM D - 562
<b>Solids by volume</b>	: $40 \pm 2$ volume%, ASTM D – 5201
<b>Opacity</b>	: Above 90% at W.F.T 150 $\mu$
<b>VOC</b>	: 50g/l -ISO 11890-2:2013
<b>Flash point</b>	: > 100°C
<b>Spreading Rate</b>	: 1 m <sup>2</sup> /l @ 400 microns DFT

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

### Surface preparation:

All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

### Recommended coating system:

<b>Primer</b>	: 1 Coat - <b>Kingdom Water Proof</b> (25-30% diluted with fresh water)
<b>Topcoat</b>	: 2 coats - <b>Kingdom Water Proof</b> .



**Application data:**

**Application conditions**

- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.
- Provide adequate ventilation during application and drying.
- A suitable quantity of tap water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

**Relative Humidity**

- Relative humidity must be below 75% during drying and curing.

**Remarks**

- Stir well before use.
- The practical consumption factor may vary depending on application conditions, equipment and workmanship.
- Two coats of the topcoat may be necessary to obtain full hiding power.

**The product can be applied by**

- Roller: Recommended.
- Spray: Use airless spray.
- Brush: Recommended to paint corners and edges.

**Guiding data for airless spray**

- Nozzle tip 0.021–0.027"
- Spray angle degrees 65–80°
- Pressure at nozzle 140 - 190 kg/cm<sup>2</sup> (2100 psi)

**Cleaning of painting tools**

- Water

**Recommended film thickness per coat:**

**Dry film thickness** : 30 – 40 microns (µm)

**Wet film thickness** : 79– 105 microns (µm)

Film thickness will vary and is calculated as average.

**Thinner:**

Recommended thinner is clean Tap water.

**Thinning (Dilution) ratio:**

**Airless spray** : (0 – 5%) by volume

**Roller and brush** : (0-5) % by volume

All above depends on the weather and application conditions.



**Drying time:**

<b>Surface (touch) dry</b>	: 4-6 Hrs. @25°C
<b>Full Dry</b>	: 24 Hrs. @ 25°C
<b>Dry to overcoat minimum</b>	: 36 Hrs. minimum @ 25°C.

**Shelf life & Storage:**

**Shelf life:** 2 years @ 25°C.

**Storage:** The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

**Health and safety precautions:**

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act."

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*Kingdom Water Proof - Date of issue 01.07.2022.*

*Please note that this data sheet supersedes the previous version.*





## شهادة ضمان جودة المنتج

الالتزام بتعليمات

الرقم: ٢٠٢١/٢٠٢٠

السادة / من يهّمه الأمر  
المحترمين  
السلام عليكم ورحمة الله وبركاته

### شهادة ضمان جودة المنتج

إن جميع منتجاتنا مطابقة للمواصفات والمقاييس السعودية SASO  
ومنتجاتنا بمصانعنا بخميس مشيط بتقنية ألمانية وبذلك نضمن جودة الدهانات المطلوبة للمشروع :  
(المدة عشر (١٠) سنوات من تاريخ التوريد)

- ولا يغطي الضمان العيوب الناتجة عن التنفيذ كالتالي :
١. عيوب الاعمال المدنية ( عيوب الخرسانة - عيوب اللياسة - القلوية والملوحة ومسبباتها ).
  ٢. أي تسريب في توصيلات السباكة .
  ٣. عدم تطبيق الدهانات .





دھانات المملكة  
KINGDOM PAINTS

# Quality Assurance Certificate

Respected Gentlemen / To Whom It May Concern  
Peace, mercy and blessings of God.

## **Product Quality Assurance Certificate**

All our products comply with the Saudi specifications and international standards SASO and are produced in our factory in Khamis Mushait using German technology, thus we guarantee the quality of paints required for the project:  
(Duration ten (10) years from the date of supply)

The guarantee does not cover defects resulting from implementation as follows:

1. Civil works defects  
(concrete defects - plaster defects - alkalinity, salinity and their causes).
2. Any leakage in the plumbing connections.
3. Failure to comply with the instructions for applying paints.







## Product Inquiries & Support

Hotline : +966 17 2381111    Email : [info@kingdompaints.sa](mailto:info@kingdompaints.sa)    Website : [www.kingdompaints.sa](http://www.kingdompaints.sa)

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