

## **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."

**Disclaimer:**

*The information in this data sheet is given according to the best of our knowledge on laboratory testing and practical experience. Kingdom Paints will not be held responsible for results arising out when applied against specified. We reserve the right to change the given without notice. For more information, visit [www.kingdompaints.sa](http://www.kingdompaints.sa) & Users should always consult Kingdom paints factory for specific guidance on the general suitability of this product for their needs and specific application practices.*



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Please note that this data sheet supersedes the previous version.

