



دهانات المملكة
KINGDOM PAINTS

TECHNICAL DATA SHEET



KINGDOM LUXURIA



PRODUCT DESCRIPTION:

An acrylic based top coat with a pearlescent effect finish.

• Features and benefits:

Good weather resistance, excellent Adhesion, excellent scrub and water resistance, excellent alkali & salt resistance.

• Recommended use:

Recommended to use as decorative top coat on flat & textured interior surfaces.

• Substrate:

On concrete, gypsum, brick surfaces.

PRODUCT DATA:

Packaging size: Packing may vary from country to country according to local requirements.
Finish: Silk
Colours: Available in white and as per colour card
Specific Gravity: 1.00 ± 0.02 @ temperature of 25°C , ASTM D - 1475
Viscosity: $120 \pm 5\text{KU}$ @ temperature of 25°C , ASTM D - 562
Solids by volume: 26 ± 1 volume%, ASTM D - 5201
Spreading Rate: $5 - 6$ (m^2/l) theoretically on $30-40\mu$ D.F.T each coat
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
Freeze Thaw Stability: Pass 3 cycles ASTM D - 2243
Heat Stability: Pass, 49 days @ 50°C
Flash point: Non Flammable

APPLICATION DATA:

• Remarks:

Handle with care, Stir well before use.

• Application equipment / methods:

By brush, spray gun

• 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, firm & stable.

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.

DISCLAIMER:

The information in this data sheet is given according to the best of our knowledge on laboratory testing & 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 data without notice. For more information, visit www.kingdompaints.sa.





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• Application procedure:

- » Apply one coat of KP Primer Sealer Interior on the surface then allowing it to fully dry.
- » Apply one coat of KP Bonita.
- » Apply one - two coats of KP Semi Gloss Emulsion.
- » Apply one coat of KP Luxuria.

• Recommended film thickness per coat:

Dry film thickness: 30 – 40 microns (μm)
Wet film thickness: 90 – 100 microns (μm)
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 hour (Depending on the thickness)
Full Dry: 2 hours @ 25°C
Dry to overcoat, minimum: 4 hours 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:

During application of Solvent-Borne paint, contact of liquid paint and thinner with eyes and skin, inhalation of paint mist and paint in in-sufficient ventilated areas, forced ventilation system should be provided. Even ventilation system is provided during application of paint, eye, skin, respiratory protection are always recommended. All liquid paints should be kept away from reach of children.

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