

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:

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

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

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

Primer	: Super Interior Primer - 1 Coat
Filler	: Kingdom Acrylic Putty - 2 Coats
Topcoat	: 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/cm² (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."

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 & 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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