



# TECHNICAL DATA SHEET

## [KORESTONE]

Fine Sand Spray Coating

### PRODUCT DESCRIPTION

KORESTONE is a special effect coating formulated with ceramic color sands in premium water-based resin. It is inspired from Mediterranean style of designs to create unique elegant finish to building.

- ▶ Superb dust, dirt, and stain resistance surface.
- ▶ Economical price compared to real granite.
- ▶ Excellent water and chemical resistance.
- ▶ Low VOC, APEO-free.
- ▶ Excellent impact and abrasion resistant.
- ▶ High durability providing long-term protection for building.
- ▶ High-tech resin with excellent adhesion and washability.

### DESIGN USE

- Used as a coating for substrates such as concretes, masonry surfaces, walls, wood, gypsum plastered board, asbestos board and etc.
- \*Different surfaces would need to apply with different primer.

### PHYSICAL DATA

<b>VOLUME SOLIDS</b>	84 ± 2%
<b>DRY FILM THICKNESS (DFT)</b>	3.0 ± 1.0 mm
<b>THEORETICAL SPREADING RATE</b>	1.5 mm dft, approx. 4 - 5 kgs / m <sup>2</sup> 2.0 mm dft, approx. 6 - 7 kgs / m <sup>2</sup>
<b>NUMBER OF COATS</b>	1
<b>FINISH</b>	Fine Finishing
<b>COLOUR RANGE</b>	Standard Colour
<b>NO. OF COMPONENTS</b>	1
<b>STANDARD PACKING SIZE</b>	25kg/ Drum

\*When estimating paint quantity, please make provision for spray or application loose due to spreading rate may varies depending on the surface roughness and porosity of the substrate

### RECOMMENDED PAINTING SYSTEM

**Substrate: New/Previously painted Concrete, Masonry, Plaster**

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 450 / Wall Sealer 500	1
Intermediate	Korestone	1
Finish	Mansonseal SI / TX200	2

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### APPLICATION METHOD

Spray Gun, Trowel, Wooden float  
\* Stir the contents thoroughly before use. Thinning is normally not necessary. However, if required for better workability and absorbent surfaces, thinning with small quantity of clean water maybe added.  
Clean up equipment with **water** immediately after use.



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### DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Recoating intervals
25°C	6 Hours	24 Hours	12 Hours

\*Properties above may vary with surface temperature, site environment, film thickness, etc

### ADDITIONAL INFORMATION

Thinner	Clean Water
Thinning Ratio	Do not exceed 5% dilution ratio
Cleaning Solvent	Clean Water
Flash Point	Non Flammable
Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5 ~ 35°C). Lid must be kept tightly closed

### SURFACE PREPARATION

#### New Masonry Substrates

- ◆ All new surfaces should be dry out thoroughly preferably for at least 28 days drying time.
- ◆ The moisture content of the concrete surface should be checked and ensured to be below than 16% when measured with reliable moisture meter.
- ◆ All surface contaminants such as laitance, dust and loose cement shall be removed by using scraper, sandpapers and clean slit brushes.

#### Previously Painted Surfaces

- ◆ If fungus, algae, and moss is present, treat with "KCC Fungidal Solution"
- ◆ Make good minor defects with an appropriate suitable exterior putty sealant.
- ◆ For overcoating over old coatings, a high pressure water jet cleaning should be performed to remove all loose or defective paintwork or powdery residues.

#### Application conditions

- ◆ Ensure the surface is completely clean and dry.
- ◆ Ensure the relative humidity below 90% before painting.
- ◆ Ensure the surface temperature at least 3°C above dew point temperature.

### REMARKS

- ☞ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ☞ This product should only be applied over concrete, plaster and masonry substrate that have been suitably sealed and primed
- ☞ Avoid excessive thinning as it will results in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ☞ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will results in difference sheen level and unpleasant finishing.
- ☞ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ☞ Do not skip primer and sealer application as concrete primer and sealers will minimize efflorescence defects on humid area.
- ☞ Recommended to paint according to TDS and Application guide.  
(Please consult with KCC customer service for any inquiries or browse to our website [www.kccpaint.com.my](http://www.kccpaint.com.my))



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#### SAFETY PRECAUTIONS

- ◎ Ensure adequate ventilation during application and drying.
- ◎ Avoid contact with eyes and skin.
- ◎ In case in contact with skin, wash immediately with plenty of soap and water.
- ◎ During spray application, do not breath in mist and wear suitable respiratory protective equipment.
- ◎ Keep out of reach of children.

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#### FIRST AID

<b>Eyes</b>	Rinse immediately with plenty of water and seek medical advice.
<b>Skin</b>	Wash immediately with plenty of soap and water.
<b>Inhalation</b>	Remove to fresh air, loosen collar and keep patient rested.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Obtain medical attention.

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#### DISCLAIMER

*The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes which may occasionally result in marginal changes in the coating properties.*