

## 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.

**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.

