

Product description

Type

This product is a high-quality alkali resistant water-based primer. Based on acrylic copolymer emulsion.

Features and benefits

Provides an excellent base for subsequent coats. Excellent penetration into the substrate there by providing the best adhesion. Offers best protection against alkali attack.

Recommended use

Ideal for priming interior and exterior surfaces.

Substrate

Cement plaster, concrete, block work, rendered surfaces, gypsum board etc. Substrate should have sufficient strength to receive the paint. Any defects in the substrate like surface undulations, cracks, pin holes etc., should be rectified/filled before starting painting. The compatibility of any third-party filling material, if used, shall be confirmed with our office before application.

Product data

Packaging size	5L and 18L
Colors	Refer to color card
Solids by volume	32 ± 2 volume % Theoretical
Specific gravity	1.2 Theoretical

This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions.

Application data

The product can be applied by

Roller : Recommended.

Spray : Use airless spray or conventional spray.

Brush : Recommended to paint corners and edges.

The product can be applied by

Nozzle tip	0.021 – 0.027"
Spray angle degrees	65 – 80°
Pressure at nozzle	140 – 190 kg/cm ² (2100 psi)

Cleaning of painting tools

Water

This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product.

For your nearest local our office, please visit our website.

Film thickness per coat

Typical recommended range

Dry film thickness 30 – 40 µm

Wet film thickness 93 – 125 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 10.8 – 8 m²/l

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa. To find out Spreading rate in Sq. M/Kg, divide Spreading rate in Sq. M/L by specific gravity.

Thinner

Water

Dilution

25%

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50%

Substrate temperature

10 C°

23 C°

40 C°

Surface (touch) dry

6h

3h

1h

Hard dry

10h

5h

3h

Dry to over coat, minimum

6h

3h

1h

Direction for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended wall moisture is <18%.

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Primer

Luxury Sealer A297 : 1 Coat

Topcoat

Top coat : 2 Coats

Remarks

Other systems may be specified, depending on area of use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

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

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of our knowledge, based on laboratory testing and practical experience. Our products are considered as semi-finished goods and as such, products are often used under conditions beyond our control. We cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. We reserve the right to change the given data without further notice.

Users should always consult for specific guidance on the general suitability of this product for their needs and specific application practices.