

Product description

Type

This product is a superior quality, exterior water-based paint. Based on extremely durable, 100% pure acrylic emulsion.

Features and benefits

Its unique formulation protects concrete from carbonation (Acts as anti-carbonation coating). The unique UV protected colors offer outstanding protection against destructive effect of UV rays present in Sunlight. The special binder provides durable and long-lasting gloss finish with low dirt pick up. The gloss retention of the coating lasts for several years. Specially designed to withstand the harsh tropical climate and weather conditions.

Recommended use

Ideal for decorating and protecting exterior surfaces. Also, as a topcoat on textured systems.

Substrate

Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.

Product data

Packaging size	5L and 18L
Colors	Refer to color card
Gloss Level	40 – 50 (60°)
Solids by volume	32 ± 2 volume % Theoretical
Specific gravity	1.2 Theoretical only for white color

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/cm2 (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 25 – 30 µm

Wet film thickness 76 – 91 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 13.2 – 11 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.

Thinner

Water

Dilution

10%

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

8 h

1 h

0.5 h

Hard dry

12 h

6 h

4 h

Dry to over coat, minimum

10 h

2 h

1 h

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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Technical Data Sheet

Luxury Premium Shield



Primer

Primer : 1 Coat

Topcoat

Luxury Premium Shield : 2 Coats

Remarks

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

Masking tape has to be removed immediately after application of the topcoat.

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

Please refer to the Decorative Sales Department for technical advices.

This product is available in : Cambodia.

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.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.

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