

DECOR

ALKALI RESISTING PRIMER

AR-300 (WATER BASED)

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DECOR ALKALI RESISTING PRIMER AR-300 is a water based acrylic alkali resisting primer for cement plaster and concrete wall & ceiling.

This product is suitable for painting newly build wall & ceiling surfaces and effective to prevent the degradation of paint by alkalinity of cement.

USES

- Concrete
- Masonry
- Plaster
- Brick work

FEATURES AND BENEFITS

- Alkali resistance
- Excellent penetration and adhesion to substrates
- Water resistant
- Low odour & VOC
- Easy to apply

PRODUCT DATA

Type	: Acrylic copolymer emulsion
Color	: White
Finish	: Matt
Solid by volume	: 35.0 - 39.0%
Specific gravity	: 1.21 - 1.29
Theoretical coverage	: 9 - 12 m ² /liter (one coat, 30 - 40 microns dry film thickness) Depend on film thickness, surface porosity and wastage during application.
Drying time	: Depend on temperature and humidity Surface dry = 60 minutes (30° C)
Packaging	: 2.5 liters, 20 liters
Storage	: The product must be stored in accordance with national regulations. Keep the container in a dry, cool, well ventilated space and away from sources of heat and ignition. Container must be kept tightly closed. Handle with care.

APPLICATION

Thinning ratio by volume	: Ready for use
Application method	: Brush, roll or airless spray
Wet film thickness	: 85 - 110 microns (per coat)
Dry film thickness	: 30 - 40 microns (per coat)
Recommended dry film thickness	: 30 - 40 microns (1 x 30 - 40 microns)
Recoating interval	: Minimum = 2 hours (30° C), when the first paint film already dry
Cleaning	: Wash all equipment immediately after use with clean water

SURFACE PREPARATION

1. The surface must be dry, clean, sound, and free from all contaminants. Newly build wall must be dry after 28 days old. Make sure moisture content / dampness of wall $\leq 16\%$ measured using Protimeter appliance and wall alkalinity (pH) 7 – 8 measured using Universal pH indicator.
2. Remove all loose material or defective paint by sanding, brushing, or scrapping with the appropriate tools.
3. Treat any areas affected by mold, algae, moss and lichens with **FUNGICIDAL WASH**.
4. Repair defects with mixture of **PROCRETE CEMENT FILLER CF-700** and **PROCRETE BONDING AGENT BDA-810** for large holes and crack, allow to dry.
5. It is recommended to apply alkali resisting primer before applying this coating.

APPLICATION CONDITION

Temperature : Minimum 15 °C
Maximum 50 °C
Humidity maximum : 80 % RH
Provide adequate ventilation during application and drying.

RECOMMENDED COATING SCHEDULE

- Primer coat : **DECOR ALKALI RESISTING PRIMER AR-300** without thinning, 1 x 30 microns (dry film thickness)

- Finish coat (exterior) : **DECORFLEX ELASTOMERIC EXTERIOR WALLPAINT DF-97** or **DECORSHIELD ACRYLIC EXTERIOR SHIELD DW-500** or **DECOR ACRYLIC ENAMEL DAE-560 WB** or **DURATEX DURABLE EXTERIOR 1K PU WALLPAINT DRX-870 WB** or **DURATEX DURABLE EXTERIOR 2K PU WALLPAINT DRX-890 WB** thinning with 1 part of clean water to 10 parts of paint or **DECOR ACRYLIC ENAMEL DAE-550 SB** thinning with 2 parts of Thinner Gori Hitam to 10 parts of paint or **DURABLE EXTERIOR 2K PU WALLPAINT DRX-800 SB** thinning with 2 parts of Thinner Polyurethane to 10 parts of paint. 2 x 70 microns (dry film thickness) especially for **DECORFLEX ELASTOMERIC EXTERIOR WALLPAINT DF-97**, or 2 – 3 x 30 microns (dry film thickness) for others, depend on color.

- or

- Finish coat (interior) : **DECORLOTUS EASY TO CLEAN + ANTI BACTERIAL PAINT DLI-480** or **DECORSAFE ODORLESS AND ANTI BACTERIAL PAINT DS-490** or **DECORCRYL PREMIUM ACRYLIC EMULSION PAINT DI-400**, etc., thinning with 1 part of clean water to 10 parts of paint, 2 – 3 x 30 microns (dry film thickness), depend on color.

PRECAUTION

Do not take internally. This product is non toxic and non flammable. It does not contain any material with heavy metals such as mercury and lead. Avoid contact with the skin and eyes. Higher concentrations produce more severe irritation. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use barrier cream. Wash splashes from skin or eyes immediately. Read all safety, security, health and environment precautions before use.

FIRST AID

- Eye contact : Rinse immediately with plenty of clean water. Seek medical advice.
- Skin contact : Wash off thoroughly with plenty of water and soap immediately.
Remove contaminated clothing. If irritation occurs, seek medical advice.
- Inhalation : Remove person to fresh air, loosen collar and avoid exertion.
Keep patient rested and give artificial respiration.
- Ingestion : Provide symptomatic treatment and seek medical advice.

DISCLAIMER

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.