ACRYLIC FINISH TOPCOAT

Updated Feb'20

Acrylic Finish Topcoat is an acrylic resin based finish with excellent alkaline and weathering resistance.

Product Features:

- Excellent alkaline and weathering resistance

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent based	Exterior	Gloss / Soft Matt	Concrete and plastered wall	1 Litre, 5 Litres, 15 Litres

Composition

Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black and Organic Pigments
Binder	: Acrylic Resin
Thinner	: Combination of ester, ketone and hydrocarbon

Technical Data

Drying Time	: Touch Dry : 20 minutes : Hard Dry : 1 hours *Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Acrylic 3000 Thinner**.*
Recoating Time	: Minimum 2 hours *Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Acrylic 3000 Thinner**.*

**Important Note:*
Drying Time and recoating time are strongly depending on environment ventilation, paint thickness, environment temperature, environment humidity, number of coats applied, thinner used to dilute product and recoat materials. So drying time and recoating time provided is for guide only.

Dry Film Thickness	: Around 35-40 µm per coat (based on substrate condition)
No. of Coats	: 2 coats
Theoretical Coverage	: 8.0 – 10.0 m^2 per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 36%
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: Dilute with 10% – 30% Acrylic 3000 Thinner or Acrylic 3000 SD Thinner. For internal wall application, it is recommended to apply paint using short hair roller and dilute with Acrylic 3000 SD Thinner for better film appearance.
Conventional Air Spray	: Dilute the paint with 40% – 60% Acrylic 3000 Thinner or Acrylic 3000 SD Thinner.

Recommended Coating System

Concrete / Plastered Wall / Asbestos

Sealer / Primer	: 5100 Wall Sealer / Acrylic 5170 Wall Sealer	: 1 Coat
Top Coat	: Acrylic Finish Topcoat	: 2 Coats

Tilelac Textured Coating

Sealer / Primer	: 5100 Wall Sealer / Acrylic 5170 Wall Sealer	: 1 Coat
Textured Finish	: Tilelac Ema Base	: 1 Coat
Top Coat	: Acrylic Finish Topcoat	: 2 Coats

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with 5100 Wall Sealer / Acrylic 5170 Wall Sealer.

Cleaning

Clean up equipment with thinner immediately after use.

Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{Volume\ Solid\ \%\ x\ 10}{Dry\ Film\ Thickness}\right] = m^2/lit/coat$$

and does not consider LOSS FACTORS.
Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.
However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.
We reserve the right to alter the given without prior notice.