

APCONYL TOWER FINISH



Polyvinyl Finish

Single pack quick drying finish based on polyvinyl copolymer.

FEATURES AND RECOMMENDED USE

- Designed as a finish coat in vinyl systems for metal towers.
- Excellent resistance to atmospheric exposure conditions
- Good resistance to radiation
- Good colour retention
- Easy application by brush and spray both

TECHNICAL DATA

Colour	Range
Gloss	Glossy
Volume solids	Approx. 38 %
Recommended DFT/ Coat	20 -25 microns
Theoretical covering capacity	19.0 sq.mtr/L @ 20 microns 15.2 sq.mtr/L @ 25 microns
Drying time @ 30°C	Surface dry: 5 minutes maximum Dry to Handle: 3 hours maximum Hard Dry: 7 hours maximum.
Overcoating interval	Min: 7 hours Max.: Unlimited, provided surface is cleaned from all contamination
Method of Application	Brush and Air spray.

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The volume solids indicated are as per ASTM D 2697 air drying method.

The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, Temperature etc. The information provided above is at 30° C and 65% relative humidity.

DIRECTION FOR USE

Surface Preparation

- General
- Surfaces must be dry, clean and free from contaminants.
 - Non-ferrous substrates like GI, Aluminum etc. should be primed with Apconyl wash primer.
 - Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Oil and grease should be removed as per SSPC-SP1 solvent cleaning.
 - Surface should be checked and cleaned prior to priming.

APPLICATION CONDITIONS

- Substrate Temperature should be at least 3°C above dew point but not above 50°C.
- Relative humidity should be below 85%
- Good ventilation is required in confined areas to ensure proper curing.

MIXING

- Stir the material. If settling is observed, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing.
- In case of part use (which should be avoided), close the lids of containers tightly to avoid contact with atmospheric moisture.
- Thinner should be added as per requirement after making the material uniform. Addition of too much thinner will lead to reduced sag resistance.

APPLICATION

Air Spray

Recommended thinner	: T 102
Volume of thinner	: 5 - 10 %
Nozzle Orifice	: 1.5 - 3.0 mm
Nozzle Pressure	: 0.3- 0.4 MPa (= approx. 3-4 atm; fl3-57 p.s.i.)
Cleaning thinner	: T102

Brush

Recommended thinner	: T102
Volume of thinner	: 0 - 5 %
Cleaning thinner	: T102

CLEANING

- Do not allow the product to remain in hoses, gun or spray equipment. Clean all equipment's immediately after use with Thinner T102. It is recommended to periodically flush out spray equipment during the course of the working day. The frequency of cleaning will depend on amount sprayed, temperature and time gap.
- All surplus material and empty containers should be disposed of in accordance with appropriate regional legislation.

PRODUCT CHARACTERISTICS

- The sheen and finish are dependent on the application method. The best finish is achieved by conventional spray application.
- Minimum 25 microns per coat is recommended for proper hiding by spray application.
- As common to all the finish paints, minimum 2 coats application is recommended to provide adequate hiding and uniformity when applied by brush. Brush application will leave brush marks with limited flow and levelling of the film. The gloss, sheen and finish would depend on the surface and application method.
- Premature exposure to condensation and rain may cause change in color and gloss.
- This product is not recommended for use in immersion condition. Extended exposure to strong chemicals and spillage is also not recommended.

OVERCOATING

- Apconyl Tower Finish can be top coated by itself only.
- When overcoating after weathering or ageing, ensure the surface is free from all contaminations before application of Apconyl Tower Finish.

PACK SIZE	4 ltr.
STORAGE	Shelf Life: At least 12 months @ 30°C for original unopened pack, subject to inspection thereafter. Store in a cool, dry place and in accordance with local regulations
REGULATORY INFORMATION	Flash point Not less than 24°C
	VOC 550 gm/ ltr(depending on shades)as per USA-EPA Method 24
	Product Weight 1.24± 0.02 kg/ ltr(depending on shades)

- As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.
- Please refer our Material Safety Data Sheet prior to using the product.

Disclaimer:

To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product.

The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new datasheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.

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