



APCOTHANE CF 675

Two component, aliphatic polyurethane coating

- Designed as a finish coat in epoxy/ polyurethane systems
- Good resistance to atmospheric exposure
- Good gloss and colour retention
- Good mechanical properties
- Good aged recoatability
- Easy application by brush and spray

TECHNICAL DATA

Colour	Range	Drying time at 30° C	Surface dry : 1 hour
Gloss	Glossy		Hard dry : 16 hours
Volume Solids	Approx. 45%	Over coating Interval at 30° C	Full cure : 7 days
Recommended DFT/ Coat	25 - 35 microns		Min. : 16 hours
Theoretical covering capacity	18.0 Sq.mtr/ l @ 25 microns 12.9 Sq.mtr/ l @ 35 microns	Shelf Life (cool and dry place)	Max.: Unlimited, provided surface is cleaned from all contamination
Flash point	Base : Not less than 24° C Hardener : Not less than 24° C		At least 12 months

DIRECTIONS FOR USE

SURFACE PREPARATION & SUBSTRATE CONDITION:

- Suitable epoxy primer, epoxy/ polyurethane undercoat; dry & free from all surface contamination. In case of aged epoxy coating, the surface should be sufficiently roughened prior to painting
- Substrate temperature should be at least 3° C above dew point but not above 50° C

MIXING

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring.

Mixing Ratio (by volume)	Base : Hardener 14 : 1	Induction time	15 minutes
		Pot life at 30° C	2 hours

Note :

In case of part mixing (which should be avoided) close the lids of containers tightly to avoid contact with atmospheric moisture.

APPLICATION

Application Method	Brush/ Roller	Air Spray	Airless Spray
Recommended thinner	T - 213	T - 213	T - 213
Volume of thinner	0 - 5 %	5 - 20 %	0 - 10 %
Nozzle orifice		1.5 - 3.00 mm	0.28 - 0.33 mm
Nozzle pressure		0.3 - 0.4 MPa (= approx 3 - 4 atm; 43 - 57 p.s.i.)	10 - 13 MPa (= approx. 100 - 130 atm; 1400 - 1800 p.s.i)

STORAGE & PACKING

Storage : Store in a cool, dry place. Store in accordance with local regulations.

Packing : 10 litres

SAFETY INFORMATION

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.

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