



APCOTHANE CF 674

Two component, acrylic aliphatic polyurethane coating

- Designed as a finish coat in epoxy/ polyurethane systems
- Excellent weather resistance in coastal and industrially polluted exposure conditions
- Excellent gloss and colour retention
- Excellent mechanical properties
- 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 or hardener, 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 4 : 1 | Induction time | 15 minutes |
| | | Pot life at 30° C | 4 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 - 15 % | 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 : 20 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.

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 data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.