



APCODUR CF 699

Two component, self priming, high build polyamine adduct cured epoxy coating

- Designed as a tank lining for storage of fresh & salt water, brine, sweet and sour crude, other refined petroleum products and solvents
- Excellent chemical resistance
- Can be used for potable water tanks
- Self priming

TECHNICAL DATA

Colour	Offwhite & Greys	Drying time at 30° C	Surface dry : 2 hours
Gloss	Eggshell		Hard dry : 16 hours
Volume solids	Approx. 60%	Over coating interval at 30° C	Full cure* : 7 days
Recommended DFT / Coat	75 - 125 microns		Min.: 16 hours
Theoretical covering capacity	8.0 sq. mtr/l at 75 microns DFT 4.8 sq. mtr/l at 125 microns DFT	Shelf life (cool and dry place at 30° C)	Max.: 5 days, provided surface is dry and clean from all contamination
Flash point	Base : Not below 24° C Hardener : Not below 24° C		At least 12 months

DIRECTIONS FOR USE

SURFACE PREPARATION & SUBSTRATE CONDITION:

- Steel; blast cleaned to Sa 2.5 of Swedish specification
- Suitable epoxy primer (Apcodur CP 689 / Apcodur CP 682); dry and free from all contamination
- Substrate temperature must 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 Pot life at 30° C	30 minutes 3 hours
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APPLICATION

Application Method	Brush/Roller	Air Spray	Airless Spray
Thinner	T 121 / T 141	T 121 / T 141	T 121 / T 141
Thinner intake	0 - 5% by volume	10 - 30% by volume	5 - 20% by volume
Nozzle orifice		2.0 - 3.0 mm	0.41 - 0.46 mm
Nozzle pressure		0.3 - 0.4 MPa (= approx. 3 - 4 atm; 43 - 57 p.s.i)	20 - 24 MPa (= approx. 200 - 240 atm; 2800 - 3400 p.s.i)

Note: As common to all epoxy, the product will chalk and discolour on exterior exposure. However these phenomenon are not detrimental to anti-corrosive performance.

*Full cure period must be allowed prior to subjecting coating system to service conditions.

STORAGE & PACKING

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

Packing : 20 litre packs

SAFETY INFORMATION

As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin and 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 to our Material Safety Data Sheet prior to using the product.

Disclaimer: To the best of our knowledge the information provided herein is 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.

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