



TP Vinyl FC Finish Grey

Data Sheet

FEATURES

Advantages:

- Improved access time for re-coat and / or inspection
- Improved through cure and minimum recoat times
- Increased solids – easier to apply, quicker re-coat
- Reduced HAPS (Hazardous Air Polluting Substances)
- Reduced VOC
- Improved storage stability
- Higher Flash Point – safer to handle
- Lowered gloss level
- Improved resistance to crocodiling when over-built
- Single pack
- Easy to use
- Excellent application properties
- MIOX pigmented
- Compatible with vinyl and chlorinated rubber primers

Approvals:

This tested and approved formula* is an incremental improvement on the standard Altex TP Vinyl Topcoat previously tested and approved for use on Transpower towers and equipment (Ref: Appendix III - Transpower Contract Documents, Issue No. 2, 20 February 1998).

*Field Testing Reference: TPTCSGR8

RECOMMENDED USES

TP Vinyl FC Finish is specifically formulated for use as the finish coat for a coating system designed for the repainting of aged, weathered galvanised structures.

SPECIFICATION DATA

Coating Type:	Vinyl
Colours:	Grey
Packaging:	Single component 10 litre
Gloss:	Low Sheen
Flash Point :	43°C
Thinner:	Altex Thinning Solvent #10
Storage:	Store under cool, dry conditions
Shelf Life:	24 months at 25°C (unopened)

Density:	1.52 kg per litre
VOC:	417 grams litre
Temperature Resistance:	70°C dry
Theoretical Volume Solids:	50%
Weight Solids:	72.2%
Theoretical Coverage:	8.33 sq metres per litre at 60 microns DFT
Recommended Film Thickness Per Coat:	120 microns wet to obtain 60 microns dry
Application:	Brush or spray
Dry Times at 25°C / 60 µm DFT / 50% RH:	
Touch Dry	1 hour
Hard Dry	8 hours
Minimum Recoat Time	8 hours
Maximum Recoat Time	Indefinite

SURFACE PREPARATION

All surfaces to be coated must be free of oil, grease, salt, dust, and other contamination.

TP Vinyl FC Finish is normally applied over surfaces which have been primed with Altex TP Vinyl FC Primer, however TP Vinyl FC Finish may also be applied direct to other compatible metal primers such as Zinkex 100, Carbozinc® 858 or 859 EZ2, Carboguard® 504 or High Build Rust Barrier**.

**High Build Rust Barrier must be cured for at least 24 hours at 50 microns DFT or 48 hours at 75 microns DFT before over-coating with TP Vinyl FC Finish.

DIRECTIONS FOR USE

Mixing:

TP Vinyl FC Finish is a single component product supplied in 10 litre containers.

Stir thoroughly to a uniform dispersion before use.

Thinning:

Thinning is not normally required or desired. However, at low temperatures small amounts (10% or less) of Altex Thinning Solvent #10 may be added. Excessive thinning may result in low film thickness, sagging or other film defects.

Application:

TP Vinyl FC Finish is normally applied by brush. It may also be applied by spray where required.

Suggested spray equipment is:

Air Spray: *Binks* - type 2001 gun, 66SS Fluid Nozzle, 63PB Air Nozzle

DeVilbiss - JGA Gun, E Fluid Nozzle, 704 Air Nozzle

Airless Spray: *Binks* -B5-18 pump, Airless 1 gun, 0.017-0.021" tip

Graco - 30:1 pump, Contractor Gun, 0.015-0.017" RAC IV tip

PRECAUTIONS

For industrial use only: See the Altex Coatings Limited General Safety Data Sheet, product label and Safety Data Sheet (SDS) for health and safety information prior to use.

TP Vinyl FC Finish is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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Head Office New Zealand Altex Coatings Ltd

91-111 Oropi Road
Greerton, Tauranga 3112

Ph : +64 7 541 1221
Fax : +64 7 541 1310

Head Office Australia Resene Paints (Aust) Ltd Industrial & Marine Division

7 Production Avenue, Molendinar
Queensland 4214

Ph : +61 7 5512 600
Fax : +61 7 5512 697