

SELECTION & SPECIFICATION DATA

Generic Type	Vinyl
Description	TP Vinyl FC Finish is designed as the finish coat for the repainting of aged, weathered galvanised structures. It is used in conjunction with TP Vinyl FC Primer.
Features	<ul style="list-style-type: none"> • Ready to apply after mixing; normally thinning is not required. • Excellent application properties • MIOX pigmented providing barrier protection • Compatible with vinyl and chlorinated rubber primers • Indefinite recoat
Colour	Grey
Gloss	Low sheen
Primer	TP Vinyl FC Primer. Other compatible primers: Zinkex 100, Carbozinc 858, Carboguard 504, or High Build Rust Barrier** <i>**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.</i>
Dry Film Thickness	60 microns per coat Do not overbuild
Solids Content	By Volume 50%
Theoretical Coverage Rate	8.3 m ² at 60 microns Allow for loss in mixing and application.
VOC Values	As Supplied : 430 g/l
Dry Temp. Resistance	70°C
Approvals	Transpower Contract Documents, Ref: Appendix III Issue No.2, 20 February 1998. *Field Testing Reference: TPTCSGR8

SUBSTRATES & SURFACE PREPARATION

General	All surfaces must be sound and free of oil, grease, dirt, loose and flaking paint, moisture, and other foreign substances prior to coating application. 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 primers such as Zinkex 100, Carbozinc 858, Carboguard 504 or High Build Rust Barrier**. <i>**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.</i>
Galvanised Steel	Prime with specific primer as recommended by your Altex Representative. (refer to relevant primer data sheet for surface preparation guidelines)

MIXING & THINNING

Mixing	Stir thoroughly to ensure a homogeneous condition.
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MIXING & THINNING

Thinning | Thinning is not normally required or desired. However, at low temperatures small amounts (5% or less) of Altex Thinning Solvent #10 may be added.
 Note: Excessive thinning can cause low film thickness, sagging and other film defects.
 Use of thinners other than those supplied or recommended by Altex Coatings may adversely affect product performance and void product warranty, whether expressed or implied.

Ratio | N/A – single pack

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Brush & Roller (General) | TP Vinyl Finish is normally applied by brush

Brush | Use a natural bristle brush

Roller | Use a short-nap synthetic roller cover with a phenolic core

Spray Application (General) | TP Vinyl FC Finish may also be applied by spray where required. The following spray equipment has been found suitable. Other equipment similar to those listed below may be used.

Conventional 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

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	10°C	10°C	10°C	0%
Maximum	32°C	37°C	35°C	85%
Optimum	16-24°C	16-24°C	16-24°C	30-70%

Industry standards are for substrate temperatures to be above the dew point.

CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Recoat (min.)	Dry to Recoat (max.)	Hard Dry
10°C	4 Hours	14 Hours	Indefinite	14-24 Hours
15°C	2 Hours	10 Hours	Indefinite	Overnight
24°C	1 Hour	6 Hours	Indefinite	6 Hours

Curing schedule is based on 60 microns DFT at 50% RH.

CLEANUP & SAFETY

Cleanup | Use Altex Thinning Solvent #10.

Safety | Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands, and all exposed areas.

CLEANUP & SAFETY

Ventilation | It is very important for the safety of the applicator and the proper performance of the product that good ventilation be provided to all portions of the enclosed area. It is equally important to bring into the enclosed area dry fresh air to remove all solvent vapours. Since solvent vapours are heavier than air, ventilation ducts should reach to the lowest portions of the enclosed areas as well as into any structural pockets. Ventilation should be provided throughout the cure period to ensure all the solvents are removed from the coating.

Caution | This product contains flammable solvents. Keep away from sparks and open flames.

PACKAGING, HANDLING & STORAGE

Packaging | 10 litre pails

Shelf Life | 24 months at 24°C
*Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.

Shipping Weight (Approximate) | 1.62 kg per litre
10L – 16.2 kg

Storage Temperature & Humidity | 15-20°C
30-70%

Flash Point (Setaflash) | 27°C

Storage | Store under cool, dry conditions.
Avoid large fluctuations between high and low temperatures.
Avoid the formation of condensate due to low temperatures.

WARRANTY

The information in this datasheet is provided as a guide only and is provided without warranty, implied or otherwise. It is your responsibility to determine the suitability of any information or product for the use contemplated. Conditions of use, application and the substrate are beyond our control so no liability whatsoever (whether as to coverage, performance, injury or otherwise) is accepted for the information contained herein.

Data sheets may change from time to time, and it is your responsibility to ensure you have the latest product datasheet and material safety data sheet from your supplier. Check the data sheet date with the listings at www.altexcoatings.com
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