

SELECTION & SPECIFICATION DATA

Generic Type	Vinyl
Description	TP Vinyl FC Primer is specifically formulated for the priming of aged, weathered galvanised structures.
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	Green
Gloss	Low sheen
Primer	Self-priming or applied over Zinkex 100, or Carbozinc 858
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 : 424 g/l
Dry Temp. Resistance	70°C
Topcoats	TP Vinyl FC Finish
Approvals	Transpower Contract Documents, Ref: Appendix III Issue No.2, 20 February 1998. *Field Testing Reference: TPTCSGR8

SUBSTRATES & SURFACE PREPARATION

General	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants as described in SSPC-SP 1 (AS 1627.1).
Galvanised Steel	Ensure there are no chemical treatments that may interfere with adhesion; and dry or wet sweep abrasive blast the surface to establish a suitable roughness (typically 25 microns). <u>Cleaned and roughened galvanising should be coated immediately after preparation, particularly in humid conditions above 50% RH. Do not allow adhesion-compromising zinc hydroxide (white rust) to form before application.</u>

MIXING & THINNING

Mixing	Stir thoroughly to ensure a homogeneous condition.
Thinning	<p>Thinning is not normally required or desired. However, at low temperatures small amounts (5% or less) of Altex Thinning Solvent #10 may be added.</p> <p>Note: Excessive thinning can cause low film thickness, sagging and other film defects.</p> <p>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.</p>
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 Primer 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 Primer 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.
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
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PACKAGING, HANDLING & STORAGE

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)	1.58 kg per litre 10L – 15.8 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 Altex Terms and Conditions of Trade, available at www.altexcoatings.com, apply in respect of all coating products and materials supplied, including samples.