

PVDF Primer

VITRETHANE 183

PRODUCT DESCRIPTION: A & I Coatings **VITRETHANE 183** is an olefin based adhesion promoter used for gaining adhesion to PVDF coating.

TYPICAL APPLICATIONS:

- Overcoating prefinished aluminium composite panel.
- Other PVDF coated substrates.

TECHNICAL INFORMATION:

Vehicle Type : Polyolefin.
Pigmentation : Clear.
Dry time (minimum) : Touch dry 5 mins @25°C. Allow to flash-dry a minimum of 5 mins before topcoating.
 Dry to handle 30 mins
 Full cure 30 mins

Recoat time (minimum) : 30 minutes at 25°C.

Theoretical Coverage : 10m²/Litre/ 5 microns theoretical.
Recommended DFT : Apply one coat at 60 – 100g/m² wet.
Usual no. of coats : 1coat.
Flexibility : Excellent and permanent flexibility.
Abrasion Resistance : Excellent after suitably topcoating.
Chemical Resistance : Excellent after suitably topcoating.
Solvent Resistance : Excellent after suitably topcoating.
Salt Spray Resistance : Excellent after suitably topcoating.
Thinning and cleaning : Not normally required. Clean up with V102 Cleaning Thinners.

MERITS:

1. Gives very good adhesion to a wide range of PVDF when used according to specification.

LIMITATIONS:

1. Not tested on every type of PVDF. A trial patch and adhesion test is recommended.

APPLICATION DATA

Mixing : Stir thoroughly before use.

Equipment : Air atomisation or airless.

Cleaning : Use V102 Cleaning Thinners

Typical Specification : Apply 3 microns Vitrethane 183.
 Apply Vitreflon 700 topcoat to colour.

SURFACE PREPARATION:

All surfaces to be structurally sound and free of contamination, particularly salt deposits. Oil, grease, dirt etc must be removed with detergent and water blasting or solvent degrease in accordance with AS 1627.1

WORK STOPPAGES : Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with **A & I Coatings** recommended cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

CLEAN UP : Clean all equipment after use with **A & I Coatings** recommended cleaner. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including and delays.

PACKING & STORAGE

Packing : Available in 1 or 4L pails. For availability of other sizes, contact **A & I Coatings**.

Storage : 12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.

HEALTH AND SAFETY : All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Vitrethane 183. Users should familiarise themselves with all the safety aspects of the product prior to usage.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of **A & I Coatings** products. If the surface intended to be painted differs from the specification, please consult the **A & I Coatings** Technical team on 1800 819 585.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on site conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.

DISCLAIMER

Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

For additional information, phone our Customer Service Centre on **1800 819 585**.

APRIL 2010 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.