

Water Based Acrylic Primer

VITREPRIME 200

PRODUCT DESCRIPTION: A & I Coatings VITREPRIME 200 is a water based acrylic primer/sealer that conditions the surface and unifies substrate porosity. It ensures maximum adhesion and provides excellent key for subsequent coats.

TYPICAL APPLICATIONS:

- As a primer for CFC and MDF boards.
- May be used as tie coat over gel cured Vitrecure 7 and Vitrecure 26.

TECHNICAL INFORMATION

Vehicle Type	: Acrylic.
Hardener	: VPP3 (As adhesion promoter).
Pigmentation	: Titanium dioxide and extenders.
Mixing Ratio	: Add VPP3 640g to 10Kg VP200 (VPP3 comes in 640g tins).
Pot life	: 8 hours @ 23°C.
Finish	: Flat
Colour	: White and pastel colours
Dry time	: Touch dry 30 Mins @25°C
(minimum)	Dry to handle 1 Hour @25°C
	Full cure 7 Days, as a tie coat over gel cured Vitrecure product, dry to handle is in seconds under UV oven conditions.
Recoat time	: Dependant on temperature. With heat, can be stacked immediately.
(minimum)	
Primer Required	: No.
Theoretical Coverage	: 10 – 15 grams/m ² wet.
Volume Solids	: 48.8%.
Recommended DFT	: 7 – 15 Microns.
Usual no. of coats	: 1 – 2 coats.
Flexibility	: Good.
Bacterial Resistance	: Good.
Chemical Resistance	: Good.
Heat Resistance	: Up to 120°C Dry heat when topcoated.
Solvent Resistance	: Resists aliphatic hydrocarbons, sensitive to alcohols and strong solvents.
Thinning and cleaning	: Water.
Durability	: Good.
Product weight	: 1.4 – 1.6Kg/Litre.
VOC Content	: Max 25grams/Litre.

MERITS:

1. Excellent adhesion
2. Ensures consistent appearance and finish of total system.

LIMITATIONS:

1. When used as a tie coat it is necessary to mix with adhesion promoter to ensure good adhesion with UV cure coatings.

APPLICATION DATA

- Mixing** : For tie coat – Mix 10Kg of VP200 with 0.7 – 1Kg of water, stir evenly then add 640 grams of VPP3 under mechanical stirring for 5 minutes.
- Equipment** : Roller Coater.
- Cleaning** : Water.

SURFACE PREPARATION:

Ensure the surface to be coated must be clean and free from oil, grease and any other contaminations.

WORK STOPPAGES : Do not allow material to remain in roller coater. 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 equipment during the course of the working day. Frequency of cleaning will depend upon amount applied, temperature and elapsed time, including and delays.

PACKING & STORAGE

- Packing** : Available in 20 Kg 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 Vitreprime 200. 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.