

VITREPRIME 200

Water Based Acrylic Primer

Technical Data Sheet Number 250



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.				
USES & BENEFITS	<ul style="list-style-type: none"> As a primer for CFC and MDF boards May be used as tie coat over gel cured Vitrecure 7 and Vitrecure 26 				
	<p><u>Benefits</u></p> <ol style="list-style-type: none"> Excellent adhesion Ensures consistent appearance and finish of total system 	<p><u>Limitations</u></p> <ol style="list-style-type: none"> When used as a tie coat it is necessary to mix with adhesion promoter to ensure good adhesion with UV cure coatings 			
PHYSICAL PROPERTIES	Vehicle Type	Acrylic			
	Hardener	VPP3 (As adhesion promoter)			
	Mixing Ratio	Add VPP3 640g to 10Kg VP200 (VPP3 comes in 640g tins)			
	Pot Life	8 hours @ 23°C			
	Finish	Flat			
	Theoretical Coverage	10 – 15 grams/m ² wet			
	Volume Solids	48.8%			
	Recommended DFT	7 – 15 Microns			
	Usual No. of Coats	1 – 2 coats			
	Primer required	No			
	Colour	White and pastel colours			
	Pigmentation	Titanium dioxide and extenders			
	Product Weight	1.48Kg/Litre			
	VOC	Max 25grams/Litre			
ENGINEERING DATA	Flexibility	Good			
	Bacterial Resistance	Good			
	Chemical Resistance	Good			
	Dry Heat Resistance	Up to 120°C when topcoated			
	Solvent Resistance	Resists aliphatic hydrocarbons, sensitive to alcohols and strong solvents			
	Durability	Good			
CURING DATA	Substrate Temp.(°C)	Touch Dry	Dry to Handle	Full Cure	Recoat Min
	15 °C				
	25 °C	30 Min	1 Hr	7 Days	Note
	35 °C				
	Note	<p><u>Full cure:</u> as a tie coat over gel cured Vitrecure product, dry to handle is in seconds under UV oven conditions</p> <p><u>Recoat minimum:</u> Dependant on temperature. With heat, can be stacked immediately</p>			

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.
	Application	Roller Coater
	Cleaning	Water
	Thinning	Water
SURFACE PREPARATION	All Surfaces	Ensure the surface to be coated must be clean and free from oil, grease and any other contaminations.
WORK STOPPAGES	General	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 & SAFETY	<p>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.</p> <p>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.</p>	

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 onsite 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.

May 2019 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.