

VITRETHANE 188

TECHNICAL DATA SHEET

Solvent Based Water Repellent



A & I Coatings **VITRETHANE 188** is a solvent based silane solution and serves as a high-quality general-purpose water repellent for impregnating and priming mineral and highly alkaline substrates.

USES & BENEFITS	• CFC board • Mineral plasters • Concrete • Mineral based natural and artificial stone • Brickwork				
	Benefits <ol style="list-style-type: none">1. Good penetration depth.2. High alkaline resistance3. Tack-free drying3. Effective on damp substrates4. Water repellence develops very quickly5. Does not change the water vapour permeability of the substrate				
PHYSICAL PROPERTIES	Vehicle Type	Silane			
	Theoretical Coverage	10-15m ² /Litre			
	Recommended DFT	Apply one coat at 60 – 100g/m ² wet			
	Usual No. of Coats	1			
	Colour	Clear			
	Product Weight	0.80			
ENGINEERING DATA	Abrasion Resistance	Good			
	Flexibility	Good			
	Solvent Resistance	Good			
	Heat Resistance	Good			
	Bacterial Resistance	Good			
	Chemical Resistance	Good			
CURING DATA	Salt Spray Resistance	Excellent			
	Substrate Temp.(°C)	Surface Dry	Through Dry	Full Cure	Recoat Min
	25°C	5 - 10 Min	30 Mins	3 Days	15 - 30 Mins
APPLICATION DATA	Mixing	Light stir before use.			
	Application	Spray, roller or brush			
	Cleaning	White spirits			
	Thinning	Thinning not required			

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SUBSTRATE SYSTEMS	Smooth Surface (Precast concrete/GRC)	Clean and degrease surface to remove contaminants, including bond breakers. 1 coat of V192 is required with 1-2 passes and a coverage rate of 5 m ² / L. Multiple passes to be applied wet on wet.
	Porous Surface (Clay brick Natural stone, Concrete)	Clean and degrease surface to remove contaminants. 1 coat of V192 is required with 1-2 passes and a coverage rate of 4 m ² / L. Multiple passes to be applied wet on wet.
	Very Porous (Sandstone)	Clean and degrease surface to remove contaminants. 1 coat of V192 is required with 1-2 passes and a coverage rate of 3-4 m ² / L. Multiple passes to be applied wet on wet.
SURFACE PREPARATION	All Surfaces	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	General	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 commences 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 delays).
PACKING & STORAGE	Packing	Available in 20L 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	All applicable statutory regulations must be observed in the application of this product. Users must first read the Safety Data Sheet for Vitrethane 188. Users should familiarize themselves with all the safety aspects of the product prior to usage	

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.