

ENVIROTHANE 8075

TECHNICAL DATA SHEET

Water Based Anti-Graffiti Sealer



A & I Coatings ENVIROTHANE 8075 is a water based acrylic masonry coating. It protects and enhances a variety of concrete-based construction materials for residential and commercial applications. The coating may be used directly on vertical cementitious substrates or over acid stains and over substrates previously treated with latex coatings leading to a high performance long lasting protective coating system.

USES & BENEFITS	• Decorative concrete Noise walls • Sidewalks Floors including flake (seamless) floors • Brick and block work	
	Benefits	Limitations
1. Fast dry time	1. Not suitable for sealing concrete on same day as pour.	
2. Good blushing and early water resistance	2. Not available above 75% Gloss	
3. Good chemical resistance		
4. Excellent durability and non-yellowing		
PHYSICAL PROPERTIES	Vehicle Type	Nano grade self-cross-linking acrylic
	Finish	30% Satin or 50 – 70% Semigloss
	Theoretical Coverage	6.8m ² /L@35µm (DFT) or 145µm (Wet film thickness)
	VOC Content	1 gram/Litre (Cetec)
	Volume Solids	24%
	Recommended DFT	35µm per coat.
	Usual No. of Coats	2 coats.
	Colour	Various
	Pigmentation	Clear or pigmented
	Primer Required	E8074 Penetrating Primer when used on concrete floors. Contact A & I Coatings for particular applications
	Flexibility	Excellent
	Product Weight	1.03Kg/Litre.
ENGINEERING DATA	Abrasion Resistance	Very Good
	Bacterial Resistance	Good. A&I Coatings have a compound that may be added for moist applications.
	Salt Spray Resistance	Good
	Chemical Resistance	Excellent resistance to many chemicals including Skydrol. Contact A & I Coatings for specific requirements.
	Dry Heat Resistance	Excellent
	Solvent Resistance	Excellent
	Durability	Excellent exterior durability.

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CURING DATA	Dry time (minimum)	Touch Dry	Dry to Handle	Full Cure	Recoat Min
		30 Mins @25°C	1 Hour @25°C	3 Days	1 hour
APPLICATION DATA	Mixing	Stir thoroughly			
	Application	As necessary with water			
	Cleaning	Water			
	Thinning	As necessary with water.			
SURFACE PREPARATION	All surfaces to be structurally sound and free of contamination, particularly salt deposits. Loose or flaking paint must be removed by abrasive blast cleaning, power tool cleaning or sanding. Oil, grease, dirt etc must be removed with detergent and water blasting in accordance with AS 1627.1				
	Concrete	Allow new concrete surfaces leave the concrete to cure for a minimum of 28 days before painting. Surface to be painted should be free from oil, grease etc in accordance with SSPS – SP1. Very smooth concrete may need whip blasting, diamond grinding or acid etch. (Note: Acid etching is not recommended if excessive form oil is present in the concrete).			
GRAFFITI REMOVAL	Graffiti is best removed as soon as possible after defacement. Apply V745 Graffiti Remover by spray or brush and rinse off within 3 – 5 minutes.				
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.			
	Clean Up	With Water			
PACKING & STORAGE	Packing	Available in 20L pails. For 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 Material Safety Data Sheet for Envirothane 8075. Users should familiarise themselves with all the safety aspects of the product prior to use.				
	Please ensure the current Technical Data Sheet is consulted prior to specification or application of A & I Coatings products. A & I Coatings will in many instances provide Area Specific Instruction Sheets which contain detailed instructions on how to achieve desired results for specific areas. 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