

ENVIROSET 2160



Two Pack Water Based Epoxy Sanding Primer

Technical Data Sheet Number 198

PRODUCT DESCRIPTION	<p>A & I Coatings ENVIROSET 2160 is a two pack water based epoxy sanding primer with excellent adhesion to masonry. ENVIROSET 2160 is an easy to apply environmentally friendly coating which has very good resistance to most chemicals and solvents. It is surface tolerant and has very low VOCs.</p>				
USES & BENEFITS	<p>Primer/sealer for:</p> <ul style="list-style-type: none"> • CFC • GRC • MDF etc 				
	<p><u>Benefits</u></p> <ol style="list-style-type: none"> 1. Can be easily brushed or rolled 2. Excellent water resistance 3. May be applied down to 12°C 	<p><u>Limitations</u></p> <ol style="list-style-type: none"> 1. Low cure temperature will increase the required cure time 			
PHYSICAL PROPERTIES	Vehicle Type	Epoxy			
	Hardener	Polyamide			
	Mixing Ratio	2:1 (Pack A : Pack B) by Volume			
	Pot Life	Approx. 1.5 hours @ 20°C			
	Finish	Matt			
	Theoretical Coverage	3.8 – 6m ² /litre @ 60 - 100µm DFT (160 - 265 µm WFT)			
	Volume Solids	Approx. 38% by volume, 53% by weight			
	Recommended DFT	Typically 60 - 100µm DFT per coat depending on application			
	Usual No. of Coats	1 - 2 coats			
	Primer Required	Contact A & I Coatings Technical Team for specific requirements			
	Colour	White			
	Pigmentation	Titanium dioxide or other			
	Product Weight	Approx. 1.35Kg/Litre. (A+B mixed)			
	VOC Content	26 grams/Litre			
ENGINEERING DATA	Abrasion Resistance	Very Good			
	Bacterial Resistance	Very Good			
	Chemical Resistance	Contact A & I Coatings Technical Team for specific requirements			
	Dry heat Resistance	Normal			
	Solvent Resistance	Very Good			
	Durability	Very Good			
	Salt Spray Resistance	Very Good			
CURING DATA	Substrate Temp.(°C)	Touch Dry	Dry to Handle	Full Cure	Recoat Min
	10 °C				
	25 °C	4 Hrs	18 Hrs	5 Days	4 Hrs
	40 °C				
	Note	Air movement and heat will assist drying. Humidity should not be more than 85%. Final coat to be recoated after eight hours			

APPLICATION DATA	Mixing	Power stir Pack A then blend Pack A with Pack B and power stir thoroughly for 2 minutes before thinning. Thin if necessary with water. Subsequent coats shouldn't need water.
	Application	Airless spray (rec tip range = 15 – 19Thou), roller or brush.
	Thinning	Water
	Cleaning	Use water, mild detergent, or methylated spirits.
	Typical Specification	
SURFACE PREPARATION	General	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.
	CFC and Cementitious Board	All surfaces to be structurally sound and free of contamination, particularly salt deposits. Loose or flaking paint must be removed by 180 grit sandpaper with orbital sanding to achieve smooth uniform surfaces, providing a sound mechanical key profile for the topcoat to adhere to. Ensure surface is dry and free of all sand, dust, oil, grease and moisture before painting.
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 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 delays).
PACKING & STORAGE	Packing	Available in 30L kits. 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. Should be stored above 8°C.
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 ENVIROSET 2160. 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. 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 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, or e-mail helpdesk@aicoatings.com Visit our website for more products: www.aicoatings.com

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