

Two Pack Water Based Epoxy Sanding Primer

ENVIROSET 2160

PRODUCT DESCRIPTION: 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.

TYPICAL APPLICATIONS:

Primer/sealer for:

- CFC
- GRC
- MDF etc

TECHNICAL INFORMATION

Vehicle Type	: Epoxy
Hardener	: Polyamide
Pigmentation	: Titanium dioxide or other
Mixing Ratio	: 2:1 (Pack A : Pack B) by Volume
Pot life	: Approx 1.5 hours @ 20°C
Finish	: Matt
Colour	: White.
Dry time (minimum)	: Touch Dry 4 Hours @ 25°C Hard Dry 18 Hours @ 25°C Full cure, continues to harden over next 5 days. Air movement and heat will assist drying. Humidity should not be more than 85%.
Recoat time (minimum)	: Four hours. Final coat to be recoated after eight hours.
Primer Required	: Contact A & I Coatings Technical Team for specific requirements.
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	: Dependant on application. Typically 60 - 100µm DFT per coat.
Usual no. of coats	: 1 - 2 coats.
Abrasion Resistance	: Very Good.
Bacterial Resistance	: Very Good.
Chemical Resistance	: Contact A & I Coatings Technical Team for specific requirements.
Heat Resistance	: Normal.
Solvent Resistance	: Very Good.
Salt Spray Resistance	: Very Good.
Thinning and cleaning	: Water.
Durability	: Very Good.
Product weight	: Approx. 1.35Kg/Litre. (A+B mixed)
VOC Content	: 26 grams/Litre

MERITS:

1. Can be easily brushed or rolled.
2. Excellent water resistance.
3. May be applied down to 12°C.

LIMITATIONS:

1. Low cure temperature will increase the required cure time.

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.

Equipment : Airless spray (rec tip range = 15 – 19Thou), roller or brush.

Cleaning : Use water, mild detergent, or methylated spirits.

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

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 : 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 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 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 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, or e-mail helpdesk@aicoatings.com
Visit our website for more products: www.aicoatings.com

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