

## Water Based Anti Graffiti Sealer ENVIROTHANE 8075

**PRODUCT DESCRIPTION:** 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. It is an excellent sacrificial anti graffiti coating. Graffiti is easily removed with Vitrethane 745 Graffiti Remover.

### TYPICAL APPLICATIONS

Interior and exterior cementitious surfaces:

- Decorative concrete
  - Side walks
  - Brick and block work
- Noise walls  
Floors

### TECHNICAL INFORMATION

<b>Vehicle Type</b>	: Nano grade self cross linking acrylic
<b>Pigmentation</b>	: Clear or pigmented
<b>Finish</b>	: 30% Satin or 50 – 70% Semigloss
<b>Colour</b>	: Various
<b>Dry time (minimum)</b>	: Touch dry      30 Mins @25°C Dry to handle    1 Hour @25°C Full cure          3 Days
<b>Recoat time (minimum)</b>	: 1 hour
<b>Primer Required</b>	: E8074 Penetrating Primer when used on concrete floors. Contact <b>A &amp; I Coatings</b> for particular applications.
<b>Theoretical Coverage</b>	: 6.8m <sup>2</sup> /L@35µm (DFT) or 145µm (Wet film thickness)
<b>Volume Solids</b>	: 24%
<b>Recommended DFT</b>	: 35µm per coat.
<b>Usual no. of coats</b>	: 2 coats.
<b>Flexibility</b>	: Excellent.
<b>Abrasion Resistance</b>	: Very Good.
<b>Bacterial Resistance</b>	: Good. A&I Coatings have a compound that may be added for moist applications.
<b>Chemical Resistance</b>	: Excellent resistance to many chemicals including Skydrol. Contact <b>A &amp; I Coatings</b> for specific requirements.
<b>Dry heat Resistance</b>	: Excellent.
<b>Solvent Resistance</b>	: Excellent.
<b>Salt Spray Resistance</b>	: Good.
<b>Thinning and cleaning</b>	: Water.
<b>Durability</b>	: Excellent exterior durability.
<b>Product weight</b>	: 1.03Kg/Litre.
<b>VOC Content</b>	: 1 gram/Litre (Cetec).

#### MERITS:

1. Fast dry time
2. Good blushing and early water resistance
3. Good chemical resistance
4. Excellent durability and non-yellowing

#### LIMITATIONS:

1. Not suitable for sealing concrete on same day as pour.
2. Not available above 70% Gloss.

**APPLICATION DATA**

**Mixing** : Stir thoroughly

**Thinning** : As necessary with water.

**Equipment** : Spray, brush or roller

**Cleaning** : Water

**Typical Specification** : **Two coat pigmented system**  
 First coat Apply E8035@100µm WFT. Dry for 1 hour.  
 Second coat Apply E8075@100 - 120µm WFT.

**Three coat clear system**  
 First coat E8074 Penetrating Primer. Apply at 100µm WFT. Dry for 1 hour.  
 Second coat E8075 apply at 100 - 120µm WFT. Dry for 1 hour.  
 Third coat E8075 apply at 100 - 120µm WFT. Fully cure. Total DFT 70 – 75µm.

**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 surfaces**

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).

**WORK STOPPAGES** : Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with **A & I Coatings** recommended cleaner.

**CLEAN UP** : Water

**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.

**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 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 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.*

For additional information, phone our Customer Service Centre on **1800 819 585**.

JULY 2012 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.