



## TECHNICAL DATA SHEET.

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

- 1.1 Product name: ENVIROGUARD WR50  
Water based invisible permanent sealer to protect paved areas, stone setts, etc  
Treatment of surfaces makes them hydrophobic enabling quick and easy clean up.
- 1.2 Company: D. Adam & Associates / ACTEL Coatings  
Clarendon, 17 High Cross Avenue,  
Melrose TD6 9SQ Scotland, U.K.  
Tel: +44 (0) 189682697 Mob 07880 805478  
E: [dougadam@globalnet.co.uk](mailto:dougadam@globalnet.co.uk)  
[www.enviroguard-anti-graffiti.co.uk](http://www.enviroguard-anti-graffiti.co.uk)

### 2. TECHNICAL DATA

- 2.1 STORAGE: Store securely. Protect from freezing.  
Useable life up to 24 months in original sealed containers
- 2.2 APPLICATION: Apply one flood coat by low pressure spray, roller or brush. Brush out ponding to prevent build up of excess material. For more porous surfaces, a second application may be needed and should be applied within 5 minutes of the first coat, before the first coat has dried. Test surfaces first in order to establish the correct material requirement and application rate.
- 2.3 COVERAGE: Theoretical - 100 to 200 gms per sq metre  
Max. Penetration - 1.00 to 1.50 cms (0.4-0.5 inches)
- 2.4 PACK SIZE: 5, 25 or 200 litre drums.
- 2.5 FLASH POINT: None.
- 2.6 FIRE RESISTANCE: Not tested. Not flammable under any conditions.
- 2.7 TOXICITY: Non-toxic.

### 3. PREPARATION

- 3.1 Concrete or stone should be power washed clean and free from surface dirt, mould and grease and allowed to dry.

3.2 ENVIROGUARD WR25/50/80/100 should not be applied over existing coatings. It is intended for absorption into cracks, pores and air holes in concrete where it acts as a long life sealer making substrates very water repellent.

3.3 Temperatures should be above 5oC and below 40oC and application should not be attempted if lower temperatures or rainfall are forecast during the application period.

#### 4.0 APPLICATION

4.1 Apply to clean concrete or block paved areas in one full application at the rate appropriate for the substrate i.e. 200 gms to 600 gms per sq metre for more porous substrates, 100 to 200 for less porous substrates.

4.2 Vertical surfaces: Apply from bottom up using a low-pressure sprayer with a fan tip or a roller with a 3/8<sup>th</sup> nap. For maximum protection apply two coats at 3 to 5 minute intervals, wet on wet.

4.3 Horizontal surfaces: Apply a flood coat by low pressure sprayer with a fan tip or a roller with a 3/8<sup>th</sup> nap.

4.4 Use a brush or squeegee to prevent ENVIROGUARD WR25/50/80/100 ponding on horizontal surfaces or running into drains.

4.5 Protect adjacent glossy surfaces, paint films, glass, windows and plant life.

#### 5. LIMITATIONS

5.1 ENVIROGUARD WR25/50/80/100 should not be applied at an air temperature of less than 5oC or when rain is expected.

5.2 Over application of material may cause slight darkening of substrates.

5.3 ENVIROGUARD WR25/50/80/100 is not suitable for asphalt based surfaces, glazed brick and tiles or polished marble.

#### 6. HEALTH AND SAFETY

This product is non hazardous. However, please ensure that operators read and understand the health and safety data sheet before using these materials. For spray application, suitable filter masks should be used to protect the nose and mouth against ingesting spray particles

January '10