



## TECHNICAL DATA SHEET.

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

- 1.1 Product name : FACAIDE~1050  
Water based invisible 5 or 10 year sealer for concrete and stone facades. Treated surfaces become highly water resistant and resistant to acid gases, remaining clean with natural weathering.
- 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 for both ~ 525 and ~1050 formulations

- 2.1 STORAGE: Store securely in original sealed containers. Store at temperatures between 5 and 40oC away from sunlight.
- 2.2 APPLICATION: Apply one saturation coat by low pressure spray.  
For porous surfaces i.e. greater than 15%, a second application may be needed. Test surfaces first in order to establish the correct material requirement
- 2.3 COVERAGE: Theoretical - 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. For excessive use, wear protective clothing, eye shield and respiratory mask protection

### 3. PREPARATION

- 3.1 Stir well before use.
- 3.2 Surfaces should be clean and free from surface dirt, dust and grease. FACAIDE~525/1050 should not be applied over existing coatings. It is intended for absorption into cracks, capillaries and air holes in concrete where it acts as a long term sealer with good hydrostatic properties. If coatings have broken down and FACAIDE~525/1050 is

specified as part of the renovation work, all coatings must first be removed. Surfaces need not be dry.

- 3.3 Temperatures should be above 42°F and below 125°F and application should not be attempted if lower temperatures are forecast during the application period.
- 3.4 Remove all mould growth and surface contaminants by power washing thoroughly. If acid cleaning is used, rinse well and neutralise surfaces before application begins

#### 4. APPLICATION

- 4.1 FACAIDE~525/1050 should be stored at room temperature (20°C/68°F) for 24 hours before use.
  - 4.2.1 Apply to new concrete as soon as the concrete is “green”
  - 4.2.2 Vertical formed concrete structures can be treated as soon as the forms are taken down.
- 4.3 Stir well before applying by brush or low pressure spray to saturate concrete surfaces working from top to bottom on vertical surfaces. FACAIDE~525/1050 should be applied undiluted in a single application to flood the area to be treated. For sound concrete, that is at a rate of 1 litre of FACAIDE~525/1050 per 5 sq metres.
- 4.4 Brush out any excess of FACAIDE~525/1050. Avoid over saturation.

#### 5. LIMITATIONS

- 5.1 FACAIDE~525/1050 should not be left on glass, glazed surfaces or aluminium. Mask these areas prior to application.
- 5.2 Some bricks have a composition which can cause the leaching of excessive alkali and efflorescence after treatment with FACAIDE~525/1050. If this occurs, hose down periodically to avoid surface staining.
- 5.3 FACAIDE~525/1050 should not be applied at a temperature of less than 42°F.

#### 6. HEALTH AND SAFETY

These products are considered to be 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

Revised February '09