



TECHNICAL DATA SHEET.

1. IDENTIFICATION OF PRODUCT AND COMPANY

- 1.1 Product name : ENVIROGUARD CRETA-SEAL
Water based invisible permanent sealer to waterproof and dust proof new or old concrete. Treated surfaces become oil and water repellent
- 1.2 Company: D. Adam & Associates / ACTEL Coatings
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www.enviroguard-anti-graffiti.co.uk

2. TECHNICAL DATA

- 2.1 STORAGE: Store securely in original sealed containers. Frozen product can be thawed, stirred well and still used safely.
- 2.2 APPLICATION: Apply one coat by low pressure spray, brush or roller. Brush out ponding. 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 litre 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 Stir well before use.
- 3.2 Concrete should be clean and free from surface dirt, dust and grease. ENVIROGUARD CRETA-SEAL 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 repellent and sealer. If coatings have broken down and ENVIROGUARD CRETA-SEAL is specified as part of the renovation work, all coatings must first be removed. Surfaces need not be completely 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 in damp floors and walls in cellars etc. by washing thoroughly.
- 3.5 Cured concrete floors should be thoroughly cleaned with a 1:7 solution of Muriatic acid for example and or a strong detergent e.g. TSP to remove any existing organic surface layer.

4. APPLICATION

- 4.1 ENVIROGUARD CRETA-SEAL 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 water sheen has gone and the floor can be walked on.
- 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, roller or low pressure spray to saturate concrete surfaces. ENVIROGUARD CRETA-SEAL 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 ENVIROGUARD CRETA-SEAL per 5 sq metres.
- 4.4 Avoid ponding. Brush out or squeegee away any excess of ENVIROGUARD CRETA-SEAL. Avoid over saturation.

5. LIMITATIONS

- 5.1 ENVIROGUARD CRETA-SEAL should not be left on glass, glazed surfaces or aluminium.
- 5.2 Some surfaces have a composition which can cause the leaching of excessive alkali and efflorescence after treatment with ENVIROGUARD CRETA-SEAL. If this occurs, hose down periodically to avoid surface staining.
- 5.3 ENVIROGUARD CRETA-SEAL should not be applied at a product 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 January '09