

12/2004

# POLYCURE

## Product Codes

AF03, Packaging listed overleaf

## Description

Polycure is a specially formulated curing compound for use with all the Tecroc Products range of cementitious repair materials, mortars and grouts. The compound is an aqueous dispersion of an acrylic copolymer packaged in polybottles. Polycure is supplied ready for on site use straight from the container. When applied to the surface of concrete, mortar or grout it produces a moisture retaining film which contributes to the curing of the cementitious product. The reduction in moisture loss helps to prevent problems associated with rapid drying out and shrinkage. Polycure is a general purpose curing compound for all cementitious repair products and placed concretes. The action is to retain the mix water and promote the complete hydration of cement. In moderate ambient conditions one application is required but in harsh drying conditions a second application may be necessary. Polycure does not form a self degrading film but will be removed by abrasion or weathering over a period of time.

**Uses include:** Brush or spray on curing membrane to retain moisture within applied cementitious products and concrete.

## Typical Emulsion Properties @ 20°C

**Appearance:** Milky white latex which forms a clear film on drying.  
**Specific Gravity:** 1.05  
**Odour:** Faintly sweet.  
**Viscosity:** Similar to that of water.  
**Minimum application Temperature:** 5°C

## Specification Outline

Polycure as manufactured by Tecroc Products Ltd should be used as the curing compound for all cementitious mixes. The product must be stored, handled and placed strictly in accordance with the manufacturer's instructions.

## Quality Assurance

Tecroc Products Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by SGS Ltd Systems and Services Certification.

## Instructions For Use

### Application

Polycure is ready for use straight from the container. The product may be applied by spray or, where suitable, by soft bristle brush. The compound should be applied immediately after finishing onto any exposed surfaces of the repair material or concrete. Where formwork has been used, Polycure must be applied immediately onto the cast surfaces after striking the formwork.

Ensure that the curing agent is applied evenly and completely over the cementitious surface. Pay particular attention to the edges of the repair material and continue the application to at least 50mm beyond the edge of the area to be cured.

If adverse ambient conditions persist, such as high temperatures or strong drying winds, spray or brush a second coat of the membrane when the first application is dry.

Spraying equipment suitable for applying Polycure includes low pressure fine spray knapsack sprayers. When finished, clean spray equipment with clean water.



Grouts

Structural Support  
MortarsConcrete Repair  
ProductsConstruction  
AdhesivesResin Et  
Cementitious  
AnchorsHighway  
Products

Coatings



Waterproofing

Ground  
Engineering

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## Precautions

### Health and Safety

Polycure should not come into contact with skin, eyes or be swallowed. Protective glasses should be worn during application. Should Polycure come into contact with skin, remove before drying by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. Full health and safety data are given in the Product Safety Data Sheet

### Fire

Polycure is non-flammable.

### Yield

#### Coverage

The coverage of Polycure should be 10m<sup>2</sup> per litre per applied curing coat.

### Storage And Shelf Life

Polycure will have a shelf life of 12 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures may reduce the shelf life.

Polycure must be protected from frost.

Stir well before use.

### Packaging And Ordering

Polycure is supplied in:

5 litre polybottles                      Product Code AF03

For further information and sales please contact your local Tecroc Products office as listed below.

Tecroc Products Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Tecroc Products Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Tecroc Products Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

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