



GIC PVA Extra

Multi Purpose Adhesive, Surface Sealer, Primer and Bonding Agent

Uses

- As a bonding agent for cement screeds and render, plaster and concrete.
- As an admixture for mortar.
- Used as a sealer coat to porous concrete and granolithic floors.

Typical Applications & Advantages

- Numerous applications from one product.
- Bonding agent.
- Used as a plaster rush.
- User friendly and quick drying.
- Surface sealing coat.
- Multi purpose applications.
- Economical, easy to use.
- Tenacious adhesion properties.
- Compatible with all types of Portland cement.

Standards Compliance

GIC PVA Extra complies with the requirements of the following standards:
BS EN 480-8-1996
ASTM D 1963: 85

Product Description

GIC PVA Extra is a multi role bonding agent and admixture for cementitious systems. This provides an excellent bond for internal render, floor toppings, repair concrete, plaster, etc. It minimizes dusting, oil, ingress, etc. when used as a sealer coat on porous concrete and granolithic floors.

GIC PVA Extra acts as a bonding agent for cement screeds, render, mortar and concrete. Also used as an integral bonding agent in cementitious systems to reduce water contents and improve adhesion to substrates.

Typical Properties

Appearance	: White viscous liquid
Specific Gravity	: 1.083 @ 25±2°C
pH Value	: 6.3
Solids content	: 23.92% by weight.

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Surface Preparation: Use a wire brush to ensure all surfaces are clean, sound and free from loose particles, old mortar, laitance, dirt etc. Use a suitable chemical degreaser to remove any traces of oil and grease and wash down thoroughly with clean water. Timber should be dry and free of paint, polish etc.

Surface Sealing: **GIC PVA Extra** may be used to seal porous surfaces and is particularly useful for priming surfaces prior to the application of interior emulsion, cementitious paints, wallpaper etc. Dilute 1 part **GIC PVA Extra** with two parts clean water, brush onto surface and allow to dry. Exceptionally porous surfaces may need to be wetted down with clean water prior to application of sealer.

General Adhesive: **GIC PVA Extra** will bond most common building materials including bricks, concrete, plasterboard, renders, glass, polystyrene, roofing felt, stone, tiles, wood etc. Apply a thin film of **GIC PVA Extra** undiluted to both surfaces and allow becoming tacky. Press firmly together and lightly clamp or weight until set is reached.

Bitumen Primer: Prime the bitumen with a solution of 1 part **GIC PVA Extra** to 1 part water to form an anti-bleed coat suitable for most oil based paints.

Bonding screeds and new concrete to old: Ensure thorough preparation of the substrate, all debris and laitance must be removed. Seal the surface using 1 part **GIC PVA Extra** to two parts water and allow drying. Apply bonding coat of 1 part **GIC PVA Extra** to 1 part water. When tacky, apply the concrete/screed in the normal manner ensuring good curing techniques are employed.





Coverage

Typically coverage of 20 – 28 m² / litre / coat is possible when used as a sealer coat, depending on the surface texture, roughness, porosity, etc.

Packaging & Storage

GIC PVA Extra is supplied in 20 litre and 200 litre drums and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight. **GIC PVA Extra** should be stirred well before use. 20 litre drums can be turned over vigorously, 200 litre drums can be rolled.

Health & Safety Precautions

GIC PVA Extra does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information, refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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