



ELM PVA

Multipurpose PVA adhesive, Sealer and cement admixture

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.

Advantages

- Single component liquid, gauged as required.
- Bonds most common construction materials.
- Improves the durability of mortars and renders.
- User friendly and quick drying.
- Surface sealing coat.
- Multipurpose applications.
- Economical, easy to use.
- Tenacious adhesion properties.
- Compatible with all types of Portland cement.

Standards compliance

ELM PVA complies with the requirements of the following standards:

BS 5270

ASTM D 1963: 85

Product Description

ELM PVA is a multipurpose 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.

ELM PVA 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 : Typically 1.0 @ 20^oc

Chloride Content : Nil

Compatibility with

Cements : Can be used with all

Types of Portland cement

Technical Support

ELMRR 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: ELM PVA 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 **ELM PVA** with 2 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: ELM PVA will bond most common building materials including bricks, concrete, plasterboard, renders, glass, polystyrene, roofing felt, stone, tiles, wood etc. Apply a thin film of **ELM PVA** 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 **ELM PVA** 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 **ELM PVA** to two parts water and allow drying.

Apply bonding coat of 1 part **ELM PVA** 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 to 28 m²/litre/coat is possible when used as a sealer coat, depending on the surface texture, roughness, porosity etc

Packaging & Storage

ELM PVA is supplied in 5 liter, 20 liter and 200 liter drums and it has a minimum shelf life of 6 months provided it is stored under cover, out of direct sunlight.

ELM PVA should be stirred well before use. 20 liter drums can be turned over vigorously, 200 liter drums can be rolled.

Health and safety

Contains a mixture of poly vinyl acetate polymers, cellulose powders, fungicides and other additives which can be harmful or irritating to skin

During use, avoid inhalation of the vapor and contact with skin or eyes. Wear suitable protective clothing- eye protection, gloves and respiratory equipment (particularly in confined spaces)

The use of barrier creams to provide additional skin protection is also advised. In case of contact with skin rinse with plenty of water, then cleanse thoroughly with soap and water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical advice immediately-do not induce vomiting.



Fire

Non- inflammable

For further information please contact your local Elmrr office.

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