

MonniLatex PVA

Multipurpose low viscosity bonding agent & admixture

Product Description

MonniLatex PVA is a single component polymer based, bonding agent for cementitious materials. It is water based, specially formulated to enhance bonding properties as well as improve mechanical strengths of cementitious mixes when incorporated with mixing water. MonniLatex PVA also reduces shrinkage cracks during early stages of cement hardening by minimizing surface water loss in fresh applied mixes. MonniLatex PVA can be diluted on site with potable water for desired applications. MonniLatex PVA is ideal for use with Premix Plaster S.

Uses

- ▶ Works as admixture with plaster, lime/sand cement screeds, renders, mortars and cement grouts when diluted 1:2 with potable water.
- ▶ Works as bonding agent and can be sprayed or brushed on green substrates to improve bonding of plasters, patching compounds. Renders, mortars, joint tape fixing etc. when diluted 2:1 with potable water.
- ▶ Can be used for both internal and external applications.

Advantages

- ▶ Multipurpose usage.
- ▶ Can be used as bonding agent & admixture.
- ▶ Enhances bonding of plaster, sand/cement screed, renders etc.
- ▶ Improves hydration & curing when added to cement based mixes.
- ▶ Improves compression strength & abrasion.
- ▶ It adheres well to various construction materials, including concrete, stone, etc.
- ▶ Ensure brighter & long lasting colour to architectural finishes.
- ▶ Reduces shrinkage & cracks.

Usage Instructions

Surface Preparation

Surface must be well cleaned and free from loose materials. Inconsistent parts, varnishes, grease, laitance, algae, must be eliminated through sand blasting or brushing before applying MonniLatex PVA

Application

MonniLatex PVA has tendency of soft settlement on storage and therefore it is recommended to mix the material in same container prior to use.

Follow the dilution ratio required for each type of premixed mortar.

As Admixture

Dilute 1 part MonniLatex PVA with 2 parts water. Mix thoroughly to obtain uniform consistency liquid.

Add the diluted MonniLatex PVA to pre-blended sand/cement plaster, mortar, or other dry mixes. Mix for 3-4 min using mechanical mixer at low speed. Let the mixture stand for 10 min and mix again briefly to achieve homogeneous lump free mixture.

As Bonding Agent

Dilute 2 parts MonniLatex PVA with 1 part water. Mix thoroughly to obtain uniform consistency liquid. Apply using brush or spray directly onto substrate. If using hand pump, spray at a rate of 15 m²/litre. While bonding agent is still wet, follow immediately by applying plaster, render, mortars or joint tapes etc. Note: MonniLatex PVA should remain tacky when applying top coat finishes.

Technical Data

Category	Typical Values
Appearance	Milky white liquid
Density	1.01 kg/Ltr @ 25 ^o C
Solid content	17 ± 2%
pH	5 - 9 @ 25 ^o C
Carrier	Water
Cement Compatibility	Good
VOC wt%	Nil

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ ASTM C932
- ▶ BS 6319

Packaging

MonniLatex PVA is available in plastic container of 20 liters

Shelf Life & Storage

Original sealed container of MonniLatex PVA has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25°C

Health & Safety

Handle the product with caution. Use gloves and goggles to avoid any contact with eyes and skin. In case of contact with eyes, wash abundantly with warm water and consult a doctor immediately.

Legal disclaimer

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