

SOPRA Bond PVA

Multi Purpose Adhesive, Sealer and Bonding Agent

Description

SOPRA Bond PVA is an aqueous emulsion based on PVA resin. It is designed for use in the building industry as a general purpose bonding agent, an additive for concrete and plaster and as a general purpose adhesive.

Uses

- * Smoothing and rendering.
- * Plaster bonding agent.
- * Wear toppings.
- * Repairs and dust proofing floor.
- * A general adhesive.

Advantages

- * Imparts high adherence to fresh mortars on all porous or smooth surfaces.
- * Improves workability and consistency of mortars.
- * Increases compressive, flexural and tensile strengths of mortars.
- * Reduces shrinkage and cracking.
- * Increases resistance to wear.
- * Provides dust-proof floors.

Standards Compliance

BS 5270

Packaging

5 ltr can
20 ltr pail
210 ltr drum

Storage

12 months storage life when stored in original containers at between 5 and 35 °C.

Properties

Appearance	Milky white liquid
Specific gravity @ 25°C,	1.07
Solids content, %	40
Viscosity, @ 25°C, Poise	120-200
Broofield	
pH	4.5-5.5
Solubility	Miscible in water
Coverage, m ² /l	16-25
Diluted 1:1	

Application Instructions

Surface preparation

The surface to be treated must be clean, sound, scoured and well dampened. The friable sections should be removed and repaired. Apply a bond coating composed of,

- * a mixture of 50 % **SOPRA** Bond PVA and 50 % water, or
- * a mixture of Cement and Sand mixed with a solution of **SOPRA** Bond PVA (1/3 **SOPRA** Bond PVA + 2/3 water) until a fluid consistency is obtained.

Mortar Preparation

PVA mortar must be prepared by manual mixing with a solution consisting of 1/3 **SOPRA** Bond PVA to 2/3 water.

Application

The mortar must be applied to the applied coating while it is still sticky, i.e. within about 5 to 20 minutes in normal conditions.