

Febond PVA - The Original

Professional PVA

Multi Purpose PVA Adhesive, Bonding Agent and Admixture. Conforms to BS5270.

- Primer and sealer for concrete and plaster
- Building and decorating adhesive
- Numerous applications in the building industry

Colour	Product Code	Pack Size	Box Qty
White	FBBOND PVA1	1LTR	12
	FBBOND PVA2	2.5LTR	6
	FBBOND PVA5	5LTR	4
	FBBOND PVA25	25LTR	1



Bonding Agents

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Product Description

FEBOND PVA is an economical quick drying adhesive, sealer and bonding agent and cement admixture which has many applications. FEBOND PVA conforms to the requirements of BS 5270.

Typical Uses

- As an adhesive for most common building materials - FEBOND PVA will bond most common building materials - except PVC, rubber and polythene – to themselves and to each other.
- As a bonding agent for cement screeds and render, plaster and concrete - FEBOND PVA will bond cement screeds, rendering and plaster to most sound surfaces such as concrete, stone and brick and new concrete to old without the need for hacking the surface to form a key.
- As an admixture for mortar / in cements/ sand and granolithic screeds: FEBOND PVA enables thin, jointless floor toppings to be laid.
- As a sealing coat - Applied to porous concrete renders, plaster, plasterboards and granolithic floors as a sealer, FEBOND PVA minimises dusting.

Features & Benefits

- Numerous applications in the building industry from one product.
- Economical and simple to use.
- Exceptional adhesive properties.
- Dries clear.

Instructions for Use

As an adhesive:

On smooth, flat surfaces, coat both faces with FEBOND PVA diluted with an equal volume of water. Allow to become tacky then press together. When bonding smooth wood to wood, apply a thin coat of neat FEBOND PVA to one face only and press together firmly. On large areas, such as laminated plastic, clamping or weights may be required until the bond is set (usually after 24 hours, depending upon surface porosity).

Dilution Rate

As a sealer coat: 1 part FEBOND PVA to 4 parts water.
As a bonding coat: dilute 3 parts FEBOND PVA to 1 part water and apply after application of a 1: 4 sealer coat.

Note: Allow the sealer coat to dry prior to the application of the bonding coat. On totally non-absorbent surfaces, such as polished grano, etc. the sealer coat may be omitted.

If surfaces to be bonded are very porous, first prime with 1 part FEBOND PVA diluted with 3 parts clean water and allow to dry.

As a bonding agent for cement screed and renderings, plaster etc.

The background must be sound since the adhesion of the mortar to the floor, wall or ceiling will only be as good as the surface beneath. Carefully examine the surface and remove all flaking and cracking plaster etc. The surface must be stable and sound, thoroughly clean, and free from oil and grease. Seal the surface using FEBOND PVA (1:4 dilution). Allow this to dry, then apply a bonding coat of 3 parts FEBOND PVA diluted with 1 part water. Screed, plaster or render on the tacky bonding coat using established sound practice (when using proprietary premixed plasters consult plaster manufacturer's recommendations regarding the correct grade to use). Cure cementitious screeds and renders properly.

Bonding New Concrete to old

Ensure that the substrate is stable, sound, thoroughly clean and free from oil, grease and any loosely

adhering material. Apply a sealing coat of FEBOND PVA diluted with 3 to 5 parts of clean water and allow to dry. Apply a bonding coat of 3 parts FEBOND PVA diluted with 1 part volume of water and lay the new concrete while this coat is still tacky. To ensure maximum bond strength, add 1.25 to 2.5 litres of FEBOND PVA per 50Kg bag of cement.

As a surface sealing coat

To seal highly porous and badly dusting concrete or granolithic subfloors, apply 2 coats of FEBOND PVA diluted at the rate of 1 part FEBOND PVA to 4 parts water and a final coat diluted 1 part FEBOND PVA to 3 parts water. Allow each coat to dry before proceeding. On less porous floors, the first coat may be omitted.

Refer to the Technical Datasheets for detailed instructions on applying first and second coats.

Coverage

As a primer/adhesive

Neat 1 litre per 6-12 sq mtrs.

Diluted 1:4: 1 litre per 24-48 sq mtrs.

Diluted 1:3: 1 litre per 18-36 sq mtrs.

As an admixture:

FEBOND PVA is added at the rate of 10 to 15 litres per 50Kg of cement used i.e., approx. 100 to 150 litres per cubic metre of mortar.

Storage

Store at ambient temperatures - protect from frost.

Shelf Life

Up to 12 months if stored in unopened containers according to manufacturer's instructions.

Performance Data

Viscosity @ 23°C Bookfield RVT 5/20	120 – 200 poise
pH	4.5 - 5.5
Minimum Film Forming Temperature (°C)	Approx 2
High Temperature Stability (1 week @ 50°C)	Stable
Specific Gravity @ 20°C	1.07