

CRESBOND PVA is a polyvinyl acetate bonding agent with a long history of successful usage in many varying building situations. It is a multi-purpose material that can be used both as a straight forward bonding agent, a surface sealer and / or an admixture in cement based mixes. **Standards:** Conforms to BS 5270 – Bonding agents for use with gypsum plasters and cement and ASTM C 631-70.

ADVANTAGES

- Easy to apply
- Chloride free
- Reduces permeability
- Multipurpose adhesive and bonding agent
- Quick drying, non-toxic, non-flammable.

USES

- As an adhesive for most common building materials.
- Bonding agent for internal renderings, floor toppings, key plaster, cement screed, etc.
- For general concrete repair and sealing of concrete.
- As a bonding agent between old and new concrete.
- **CRESBOND PVA** has a plasticizing effect which gives mortar application, increase the mechanical strength of screeds and renders.
- It can be used as a surface sealer for concrete and floors to minimize the dusting and penetration of oils.

SURFACE PREPARATION

Surface must be structurally sound, clear, free of dust, loose material, laitance and other contaminants. Saturate the surface with water and wipe down before commencing treatment.

APPLICATION

CRESBOND PVA should not be used as a bonding agent in continuously wet and highly humid areas. Application should be done by brush or roller as explained in the following method of application.

AS A GENERAL ADHESIVE

CRESBOND PVA bonds asbestos, bricks, concrete, cork, plaster boards, renders tiles, wood etc. After surface preparation, coat both faces with **CRESBOND PVA** allow to become tacky, then press both surfaces together and position as required. Wipe off any excess material and allow to set for 24 hours.



TECHNICAL PROPERTIES

Description	Value	Standard
Colour	Milky White	-
Specific gravity @25°C	1.1 (±0.05)	BS 5270
Solid content, %	36(±2)	BS 5270
pH	4.5 to 6.0	-
Polymer type	Poly vinyl acetate	-

All values given are subject to 5-10% tolerance.

AS A BONDING AGENT FOR CEMENT SCREED, RENDERING PLASTER ETC.

On well-prepared surface, apply a sealer coat using one part **CRESBOND PVA** to 5 parts of water and allow this to dry. Then apply a bonding coat of 1 part **CRESBOND PVA**, with two parts water (dilution rate of **CRESBOND PVA** varies with substrate porosity) over the surface. Screed, plaster or render on the tacky bonding coat using established sound practice. Cure cementitious screeds and renders properly.

BONDING NEW CONCRETE TO OLD

Ensure that substrate is well prepared. Apply a sealing coat of **CRESBOND PVA** diluted with 3 parts of water and allow to dry. Apply a bonding coat of **CRESBOND PVA** diluted with equal volume of water and lay the new concrete while this coat is tacky. To ensure maximum bond strength add 10 to 20 litres of **CRESBOND PVA** per 100 kg bag of cement.

FOR REPAIRS TO CONCRETE

Surface must be sound and well prepared. Seal the surface using 1 part **CRESBOND PVA** with 4 parts water. Allow to touch dry. Then apply a bonding coat of **CRESBOND PVA** diluted with equal volume of water. Allow to become tacky. Using the same sand and aggregate, as in the concrete to be repaired, prepare a stiff cement/sand mix in 1:2 proportion gauged with 1 part **CRESBOND PVA** to 2-3 parts water, compact firmly and level with minimum trowelling.

STORAGE

The drums & cans must be stored in a covered area, away from direct sunlight and protected from extreme temperature.

PACKING

200 L drum and 20 L jerry can.

LIMITATION

- Not recommended where permanent dampness occurs.
- Do not use below 5°C
- Do not over trowel

DOSAGE

As an admixture:

Floor screeds/Topping : 18-28 L /100 kg of cement
Render coat : 8-14 L /100 kg of cement

As a Primer/Adhesive/Bonding coat:

Neat : 0.8L /10 m²
Dilute 1 : 0.8L /20 m²
Dilute 1:3 : 8-14L /35 m²

These values will vary according to the degree of porosity and texture of the surface.

CLEANING

Clean all the tools with water immediately after use.

SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of the product is 12 months from the date of manufacturing.

HEALTH AND SAFETY

Non-hazardous, but care should be taken to avoid splashes in the eyes and inhaling the vapors. Contains small quantities of bactericide – avoid prolonged contact with the skin. Harmful if taken internally.

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable, care is taken compiling this technical data sheet, all recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control.

It is the customer's responsibility to satisfy them that each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

**Refer material safety data sheet (MSDS) for further information.*