

# bond it

Never compromise on quality!



# PVA ADHESIVE AND SEALER

## All Purpose Primer, Sealer and Bonding Agent



GLUES & ADHESIVES RANGE

CLASS  
BS5270

### Description:

*A plasticised, premium PVA resin emulsion with good adhesion to porous materials. Phthalate free formulation. Conforms to BS5270.*

### Uses

PVA BOND ADHESIVE & SEALER can be used with plaster, cement, timber, gypsum wall boards and paper. Properties as an adhesive include fast drying. It is also a readily dilutable primer for sealing applications or addition to cement and plaster to improve adhesion and cure.

### Applications:

- ◆ Plaster primer, porous surface primer and sealer.
- ◆ Rendering key coat.
- ◆ Admixture.
- ◆ Dust sealer.
- ◆ General purpose adhesive for bonding all common construction materials provided one surface is porous.

### Preparation

All surfaces must be clean, dry, sound and free from dust, grease or contaminants that may hinder adhesion. Remove all loose material and ensure underlying material is strong enough to take the weight or load to be applied. If required, a sealing/priming coat should be applied and allowed to dry thoroughly prior to the application of Bond It PVA BOND ADHESIVE & SEALER.

### Application

**As a primer:** Suitable as a primer for sand/cement screeds and renderings, for bonding new plaster onto old plaster, on porous brick, stone, floor tiles and new plaster board. Dilute 1 part PVA with 4 parts water and mix well. Apply using a brush, working material well into crevices and gaps. Allow the coat to dry before continuing.

**For cement:** dilute 1 part PVA to 1 part gauging water.

**For plaster:** dilute 1 part PVA to 5 parts gauging water.

**For dustproofing:** as for priming.

### Key coat & bonding aid:

For use as a key coat for new plaster, concrete repairs, cement screeds and renders. After priming absorbent surfaces as described above, apply a coat of undiluted PVA BOND and apply topping whilst the coating is almost dry but still tacky.

As a key coat for ceramic tiles (**note:** not suitable for use in bathrooms) and painted surfaces, first ensure that the surfaces will withstand loading of new plaster. Apply BOND IT PVA BOND undiluted and trowel on plaster whilst still tacky.

As a key coat for lightweight plasters over painted ceramic tile surfaces and heavy duty cement rendering (over 9mm). Mix 1 part PVA with 1 part water and use to slurry a blend of 1 part Portland cement to 2 parts clean

sharp sand and apply with a notched trowel. Allow to dry for a minimum of 24 hours and then apply a top coat of plaster or cement.

Key Coat for porous and rough surfaces, bonding paving, terrazzo, quarry, slate and floor tiles. Prime the floor and back of the tiles as specified under priming. Mix 3 parts PVA with 1 part water and coat floor and tile backs. While still tacky apply sand and cement slurry to the floor and bed in the tiles. The bedding should be of a minimum 3mm.

**As an adhesive:** Apply to one side and bring together within 3-5 minutes, apply constant moderate pressure by clamps or weights.

### Limitations

Do not use in areas where permanent dampness is likely. Do not use on new cement when cement has not fully cured, or on surface temperatures below 5°C.

### Colour

White in colour.

### Shelf Life

24 months from date of manufacture when stored in unopened containers.

### Storage Conditions

Store in cool, dry conditions in original, unopened containers. Protect from frost.

### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations. Any spillages should be mopped up immediately with an inert absorbent material such as sand or sawdust.

### Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.**

## Specification Summary

## Suction control for porous surfaces:

Polymer Type	Vinyl acetate homopolymer
Plasticiser	Phthalate free
% Plasticiser	9% on polymer solids
Total Solids	30% (+/- 1%)
pH	4-6
pH stability	2-10
Particle Size Range	Approx. 0.5 - 1.5 microns
Specific Gravity	1.05
Brookfield viscosity @25°C RVT Spindle 6 @ 20 rpm	170-200 poise
Appearance	White liquid

USE	PVA BOND	H <sub>2</sub> O	COVERAGE / 5L
PRIMING COAT	1	4	115m <sup>2</sup>
BONDING COAT	1	-	45m <sup>2</sup>
<i>Figures will vary according to the substrate.</i>			
Minimum solids	35% w/w		

## Product Details:

<b>Code:</b>	BDA021	BDA022	BDA024	BDA023
<b>Size:</b>	500ml	1L	2.5L	5L
<b>Barcode:</b>	5060021361653	5060021361660	5060021360670	5060021360663

<b>Code:</b>	BDA025
<b>Size:</b>	25L
<b>Barcode:</b>	5060021360687

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position.*

*Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*



Part of the Bond It Glues & Adhesives Range



Certificate Number:  
6152  
ISO 9001; ISO 14001;  
ISO 45001



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