

Technical Data Sheet

Date of compilation: 25/04/2023

ARC PVA BOND

DESCRIPTION

ARC PVA BOND is a multi-purpose, water based adhesive, sealer, bonding agent and admixture.

As a primer/sealer it is ideal for sealing porous surfaces such as gypsum plaster, old & worn concrete, sand cement screeds and render.

As an adhesive ARC PVA BOND is ideal for bonding most common building materials such as wood, plaster, cement render, brick and concrete where at least one of the contact surfaces is porous and is not subject to frequent exposure to water.

As a bonding agent it can be readily incorporated into mixes of sand & cement screeds, plasters and renders, giving a water reducing and plasticising effect, as well as improving wet-tack and adhesion of the render to the existing base masonry.

ARC PVA BOND meets the bond strength requirements of BS 5270- "Polyvinyl acetate (PVAC) emulsion bonding agents for internal use with gypsum building plasters".



PROPERTIES AND USES

In common with conventional PVAC bonding agents, ARC PVA BOND can be used as a general purpose adhesive for the building industry. The emulsion offers a low solids product which visually appears very similar to conventional, phthalate plasticised polyvinyl acetate emulsions.

LIMITATIONS

For external use only.

DIRECTIONS

All surfaces must be clean, dry and free from grease and other contaminants.

Stir before use.

FOR GENERAL PRIMING: Dilute 3 parts water to 1 part PVA and apply by brush. Allow to dry.

AS A BONDING COAT: Use undiluted and apply by brush. Apply plaster or render while bonding coat is still tacky.

AS AN ADHESIVE: Use undiluted. Coat each face and press surfaces together. Large areas should be clamped for 24 hours.

AS A CEMENT ADMIXTURE: Add 5lt PVA to 25kg cement.

AS A FILLER/PLASTER ADMIXTURE: Dilute 1 to 1 with water and add to mix in place of water.

Clean tools with clean cold water.

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OTHER TYPICAL PROPERTIES

Property	Value
Minimum Film Forming Temperature	≈ 2°C
High temperature Stability (1 week @ 50°C)	Stable
pH	4.0 - 5.0
Total Solids	32 - 36
Specific Gravity	1.07

STORAGE & PACKAGING

ARC PVA BOND should be stored in closed containers between 5° and 25°C. Shelf life is a minimum of 12 months in unopened container.

Available in:

500ml - 24 units/box

1lt - 12 units/box

2.5lt - 6 units/box

5lt - 4 units/box

25lt - 1 unit

HEALTH & SAFETY

Please refer to the Safety Datasheet for safety and environmental information.

ARC PVA BOND is not classified as dangerous according to EU Directive 1999/45/EC and does not require any special labelling.

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.