



MULTI-PURPOSE PVA



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ADHESIVE FOR TIMBER & POROUS SURFACES

ADMIXTURE & BONDING AGENT FOR CEMENT BASED MIXES

PRIMER & SEALER FOR POROUS SUBSTRATES

DESCRIPTION:

PALACE MULTI-PURPOSE PVA is a poly-vinyl acetate homo-polymer, formulated as a high viscosity, high-solids emulsion. It is a safe to use, multi-purpose, water based adhesive, sealer & bonding agent, which can be applied to a wide range of building materials and applications not intended for contact with water. **PALACE MULTI-PURPOSE PVA** conforms to BS 5270 when used as a primer / sealer on porous surfaces and also complies with the requirements of BS EN 204 / D2 for use as a wood adhesive.

PALACE MULTI-PURPOSE PVA as an ADHESIVE 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.

PALACE MULTI-PURPOSE PVA as a BONDING AGENT can readily be 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.

PALACE MULTI-PURPOSE PVA as a PRIMER / SEALER is ideal for porous surfaces such as gypsum plaster, old / worn concrete; sand cement screeds and render by reducing porosity, surface dusting and suction so that subsequently applied adhesives, renders or screeds can dry and cure without moisture loss into the substrate.

PVA ADHESIVE:

Apply as a thin even coat of neat **PALACE MULTI-PURPOSE PVA** to just one face of the joint, then firmly press and hold together. Large surface areas may require clamping for up to 24 hours to ensure a consistent bond is achieved, particularly where one of the joint faces is impermeable. **PALACE MULTI-PURPOSE PVA** should not be used in applications where the ambient temperature is below 5°C and it should be noted that at temperatures below 15°C the bond will dry at a slower rate. When applying onto very porous surfaces, prime with 1 part PVA diluted with 3 parts water and allow to dry before uniting the joints with a coat of neat **PALACE MULTI-PURPOSE PVA**. Excess adhesive squeezing out from the joint edges should be wiped away with a damp cloth and all tools and non-contact surfaces can be cleaned with warm soapy water. **PALACE MULTI-PURPOSE PVA** dries to a clear, slightly glossy film, however it is unsuitable for joints where regular contact with moisture is likely and for such applications **PALABOND WATERPROOF WOODWORKING ADHESIVE** should be used.

PVA BONDING AGENT:

PALACE MULTI-PURPOSE PVA can be used as a bonding agent when over-laying existing masonry with a fresh coat of render, plaster, concrete or screed. Thorough preparation of the existing surface, is essential to ensure the success of the bond and all loose dust, flaking material, grease and any deteriorating surface coatings should be removed before applying **PALACE MULTI-PURPOSE PVA** as a bonding agent. Highly porous surfaces should first be sealed with a coat of **PALACE MULTI-PURPOSE PVA** diluted as 1 part to 4 parts with water. When this is dry apply the PVA bonding coat as a 1 : 1 dilution with water and allow it to dry to be "tacky to touch" before applying the cement render, plaster or screed. To improve the durability and bonding properties of domestic, thin layer renders or floors screeds (5 to 20mm), add PVA to the gauging liquid at a rate of 5 litres per 50 kg of cement. Concrete and heavier duty floor screeds (> 25mm thick) will require the addition of **PALACE MULTI-PURPOSE PVA** at 10 to 15 litres per 50 kg of cement per mix. In both cases the **PALACE MULTI-PURPOSE PVA** will have a water reducing effect therefore the addition of water to the mix should be kept to the minimum required to achieve application consistency. Use a wet-faced trowel to finish off the render and give a smooth even surface.

PVA PRIMER / SEALER:

On porous, worn or dusty concrete floors, **PALACE MULTI-PURPOSE PVA** diluted as 1 part to 3 parts with water and brushed on as a generous single coat, can seal the surface, reduce suction and inhibit further dusting. One coat is normally sufficient for priming surfaces ready to receive an application of **SELF-LEVELLING COMPOUND** or **FLOOR TILE ADHESIVE**, however very porous and friable surfaces may require two coats to be effective, particularly where no further coating is to be laid. On gypsum plaster or porous cement rendered walls, **PALACE MULTI-PURPOSE PVA** diluted as 1 part to 4 parts with water, is sufficient preparation to reduce suction, bind the surface and give a consistent substrate, primed for the application of a ready mixed tile adhesive. Plaster walls which have been over-finished to a polished appearance should be slightly roughened with a stiff brush and wiped clear of loose fines before priming with **PALACE MULTI-PURPOSE PVA** diluted as 1 to 4 with water.

COVERAGE:

The consumption of **PALACE MULTI-PURPOSE PVA** for any particular application depends heavily upon the texture and porosity of the surface it is applied to and the figures shown below are intended as a rough guide only.

ADHESIVE:	BONDING AGENT:	PRIMER / SEALER:
8 – 10 square metres per litre.	12 – 24 square metres per litre.	20 – 30 square metres per litre.

TECHNICAL PROPERTIES:

Appearance	Solids content	Open joint time	Specification:
White but dries clear	> 40% w/w	5 minutes	EN 204 D2

STORAGE & PACKAGING:

PALACE MULTI-PURPOSE PVA is supplied in 125ml; 250ml; 500ml; 1 litre; 2.5 litre; 5 litre & 25 litre bottles and has a storage life of not less than 12 months if stored in dry, un-opened conditions. Consult the PVA material safety data sheet for advice on handling and safety procedures. Should further more specific technical information be required, contact the Palace Technical helpline on 0151 486 6101.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.



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