



CONTRACT PVA



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**MULTI-PURPOSE
SURFACE BONDING AGENT**

**ADMIXTURE FOR CEMENT
BASED MORTARS**

**PRIMER & SEALER FOR
POROUS SUBSTRATES**

DESCRIPTION:

PALACE CONTRACT PVA is a poly-vinyl acetate homo-polymer, formulated as a high viscosity emulsion. It is a safe to use, multi-purpose, water based primer, sealer & bonding agent, which can be applied to a wide range of masonry based building materials to improve the initial grab; adhesion and durability of a subsequently applied render, screed or adhesive coating. PALACE CONTRACT PVA as a BONDING AGENT can be used neat and applied by brush onto an existing masonry or as a PRIMER / SEALER for porous surfaces such as gypsum plaster, old / worn concrete; sand cement screeds and render by reducing porosity and surface dusting. PALACE CONTRACT PVA can also be used as a CEMENT ADMIXTURE within cement based mortars, screeds & renders to improve workability, mix cohesion and adhesive properties of the when applied as a surface coating. CONTRACT PVA should not be used in areas exposed to persistent damp or regular wetting instead use PALACE TILERS PRIMER which is an SBR based surface treatment ideally suited to the challenges of wet environments.

CONTRACT PVA - PRIMER / SEALER:

On porous, worn or dusty concrete floors, CONTRACT 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 and the main objective is to reduce surface dusting. On gypsum plaster or porous cement rendered walls, CONTRACT PVA diluted as 1 part to 3 parts with water will 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 CONTRACT PVA diluted as 1 to 3 with water.

CONTRACT PVA - BONDING AGENT:

CONTRACT 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. Porous surfaces should first be sealed with a coat of CONTRACT PVA diluted as 1 part to 3 parts with water and when this is dry apply CONTRACT PVA either as a neat liquid bonding coat or ideally pre-mixed 1 to 1 with neat cement as a slurry coat onto the surface and allow it to dry and be "tacky to touch" before over-laying the cement render, plaster or screed.

CONTRACT PVA - CEMENT ADMIXTURE:

To improve the durability and bonding properties of renders, plasters or floors screeds (5 to 20mm), add PVA to the gauging liquid at a rate of 5 litres per 25 kg of cement. CONTRACT PVA will have a water reducing and plasticising effect on the mix giving improved workability also enabling the addition of water to the mix to be kept to the minimum required to achieve ideal application consistency and optimum strength development. Use a wet-faced trowel to finish off the render and leave a smooth even top surface.

COVERAGE:

The consumption of 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.

ADMIXTURE:	BONDING AGENT:	PRIMER / SEALER:
5 litres per 25kg of cement in the mix	10 – 20 square metres per litre.	25 – 30 square metres per litre.

STORAGE & PACKAGING:

CONTRACT PVA is supplied in 5 litre bottles and has a storage life of not less than 12 months if stored in dry, un-opened conditions. Consult the CONTRACT 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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