



PVA BONDING AGENT

<p>CHARACTERISTICS</p>	<p>APPLICATION</p>	<p>SURFACE PREPARATION</p>
<p>PVA Bonding Agent is a medium viscosity, polyvinyl alcohol stabilised, externally plasticised, vinyl acetate homopolymer.</p> <p>It has been designed specifically for use in the building industry as a general purpose agent, an additive to concrete and plasters and as a general purpose adhesive. PVA Bonding Agent meets the bond strength requirements of BS5270 - "Polyvinyl Acetate (PVAC) emulsion bonding agents for internal use with gypsum building plasters".</p>	<p>PERFORMANCE INFORMATION</p> <p>PVA Bonding Agent produces clear films with good blanch resistance in contact with water, it may be used as a universal bonding agent and meets the requirements of BS5270 covering the bonding of gypsum plasters.</p> <p>PVA Bonding Agent imparts excellent adhesion to cement and concrete; It allows a strong bond to be formed between cement and a variety of substrates and imparts excellent adhesion to concrete, enabling easy repair of concrete surface without the need for mechanical preparation of the surfaces.</p>	<p>Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material.</p> <p>Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24°C. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12°C before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.</p>
<p>TOTAL SOLIDS</p>		
<p>40.0+/-1.0</p>		
<p>VISCOSITY @ 23°C BROOKFIELD RVT 5/20</p>		
<p>12000-20000</p>	<p>PVA Bonding agent provides an effective sealing coat for clean, sound concrete floors, where it imparts good resistance to dusting. As a wood adhesive it forms joints which show a high percentage of wood failure after rupture though it would not be recommended for more critical applications, for example for use in the construction of chairs where a minimal degree of thermoplasticity is required to prevent joint failure under continuous load.</p>	<p>DIRECTIONS FOR USE</p> <p>All surfaces to be treated must be clean, dry, sound and free from dust, grease and loose materials. Stir product before use. When used as an adhesive, undiluted Bonding Agent should be applied to one surface (the less porous). The bond must be made while the bond is still tacky.</p>
<p>PH</p>		
<p>4.5-5.5</p>		
	<p>PVA Bonding Agent can also be used as a general purpose "PVA" glue to stick paper and card.</p>	<p>When used as a Primer before plastering, the product should be thinned (1part to 3 parts water).</p> <p>When used as a sealer, the product should be thinned (1part to 5 parts water).</p> <p>When used as a cement admixture, the mixing ratio should include 1 part Bonding Agent to 3 parts water.</p> <p>Keep from freezing.</p>
<p>HEALTH & SAFETY</p>		<p>STORAGE</p>
<p>Please refer to the Material Safety Data Sheet for safety and environmental information. PVA Bonding is not classified as dangerous according to EU Directive 1999/45/EC and does not require special labelling.</p>		<p>Store at an even temperature of between +5°C and +35°C avoiding frost and direct sunlight. Product should be used as soon as possible after opening.</p>

ISSUE NO.2 4/2011