

F88 PVA BONDING AGENT

CHARACTERISTICS

PVA Bonding Agent is a medium viscosity, polyvinyl alcohol stabilised vinyl acetate homopolymer dispersion, externally plasticised with di-isobutyl phthalate.

It has been designed specifically for use in the building industry as a general purpose adhesive, an additive to concrete and plasters and as a universal bonding aid. PVA Bonding Agent meets the requirements of BS5270 - "Polyvinyl Acetate (PVAC) emulsion bonding agents for internal use with gypsum building plasters". It can also be formulated into ceramic tile adhesives which meet the requirements of BS5980 "Adhesives for use with ceramic tiles and mosaics".

TOTAL SOLIDS

44.0+/-1.0

VISCOSITY @ 230C

UK RV8 5/20

POISE

70-90

MPA.s

7000-9000

PH

5-6

PRECAUTIONS

PVA Bonding Agent is water based and is non-toxic under normal use conditions.

For further information refer to Material Safety Data Sheet.

APPLICATION PERFORMANCE INFORMATION

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.

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.

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.

PVA Bonding Agent can also be used as a general purpose "PVA" glue to stick paper and card.

SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material.

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.

DIRECTIONS FOR USE

All surfaces to be treated must be clean, dry, sound and free from dust, grease and loose materials.

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.

When used as a Primer before plastering, the product should be thinned (1 part to 3 parts water).

When used as a sealer, the product should be thinned (1 part to 5 parts water).

When used as a cement admixture, the mixing ratio should include 1 part Bonding Agent to 3 parts water.

Keep from freezing.