

# PLASTIBOND PVA

## PVA BONDING AGENT

### DESCRIPTION

Plastibond PVA is a polyvinyl acetate based polyvinyl alcohol suspension used as a surface sealer, bonding agent or admixture for cement and mortar.

### USES

As adhesive, Plastibond PVA bonds with almost all kinds of building materials except PVC, rubber and polyethylene. When added with suitable filler, it can be used for fixing plasterboard, ceramic tiles, marbles etc.

As bonding agent, Plastibond PVA gives very good bond strength to mortars, especially topping mortars. Screed treated with Plastibond PVA will give better wear resistance compared to conventional screed with common mortar. The topping will resist dust, wear, water, oil and grease.

As admixture, Plastibond PVA acts as plasticizer which improves mortar application, increases the mechanical strength of screeds and renders, reduces shrinkage and has good adhesion even on smooth concrete.

As surface sealer, Plastibond PVA minimizes dust and penetration of oil on concrete and floors. It is also used as primer to certain decorative coatings.

### APPLICATION INSTRUCTIONS

As an adhesive for even surfaces : Diluted with equal amount of water add cement and fine sand. This paste can be applied as an adhesive for fixing plaster boards, polystyrene boards etc to ceiling and walls. Where the surface is highly porous, apply a primer coat of Plastibond PVA mixed with water in the ratio 1 : 3.

As a bonding agent for screeds, plaster and rendering : The surface shall be sound and free from all unwanted materials, such as oil, grease, paint etc. Seal the surface with a prier coat one part of Plastibond PVA with 3 parts of water. Apply Plastibond PVA at 1 : 1 ratio with water before render, screed or plaster normally. The same method is used for bonding new concrete to old.

As an admixture : 20 to 30 litres of Plastifbond PVA is recommended with 100 Kg cement for heavy duty flooring.

For cementitious topping and heavy renderings : Seal and prime the surface with one part of Plastibond PVA diluted with 3 parts of water. Prepare the render coat with 1 part ordinary Portland cement, 1 part clean washed sand and 1 part Plastibond PVA with 3 parts clean water. Apply this to the tacky prime coat. 10 to 15 liters of Plastibond PVA per 100 Kg cement is recommended.

### NOTE

Plastibond PVA is not recommended where permanent dampness occurs.

Avoid over trowelling

Do not use below 5°C

Always follow the mixing ratio and instructions

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### APPROXIMATE COVERAGE

As admixture for floor screes/topping : 20 – 30 litres of Plastibond PVA per 100 Kg cement  
For render coat : 10 – 15 litres per 100 Kg cement

As a primer/adhesive/bonding coat

### TECHNICAL DATA

Colour	Brownish/Black
Elongation	> 500%
Adhesion to concrete	0.78 N/M <sup>2</sup>
Dried film softening point	> 98 <sup>o</sup> C
Specific gravity	1.00 at 25 <sup>o</sup> C
Coverage	1.5 to 3.5 m <sup>2</sup> / litre
Flash point	Non flammable
Service temperature	5 <sup>o</sup> C to 85 <sup>o</sup> C
Rubber content	10% in the dried film
Standards	ASTM D 2939 & BS 8102

### STORAGE

Bitukote RBE shall be stored under cover, out of direct sunlight and protect from extreme temperatures. Shelf life is up to 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

### PACKING

Bitukote RBE is available in 20 & 200 litre drum

### HEALTH & SAETY

As with all bitumen products caution should be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical help immediately. Ensure the container is available for medical attendant to examine any relevant instructions and contents details.



Quality Products since 1994

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