



ADVABOND PVA

Bonding agent and admixture for cement and mortar

DESCRIPTION

ADVABOND PVA is a polyvinyl acetate latex emulsion which is a multipurpose adhesive, surface sealer, admixture and bonding agent. This is a perfect admixture for cement to reinforce its bonding strength and has a wide range of applications.

USES

- ▶ Concrete / mortar admixture.
- ▶ Recommended where permanent dampness occurs.
- ▶ Surface sealer and bitumen primer.
- ▶ Bonding agent for render, repair concrete, floor topping.
- ▶ An effective primer prior to certain decorative coating.

ADVANTAGES

- ▶ Bonding agent for cement screeds, render, mortar and concrete
- ▶ Used as an integral bonding agent within cementitious system
- ▶ Reduce water contents and improve adhesion to substrates
- ▶ Multipurpose application, economical, easy to use
- ▶ Tenacious adhesive properties
- ▶ User friendly and quick drying

APPLICATION INSTRUCTIONS

Dosage rates: Laboratory trails followed by site trails should always be conducted to decide the optimum dosage of ADVABOND PVA . As a general guide, the following are the dosages under various application situations

Admixture: ADVABOND PVA improves quality of mortar application, increases the mechanical strength of screeds, reduces shrinkage and has perfect adhesion even on smooth concrete. For maximum bond strength, add ADVABOND PVA @ 5liters /100kg of cement

Bitumen Primer: Stops bleeding of bitumen coating. Here, the surfaces are primed with ADVABOND PVA diluted with equal parts of water. This will form an efficient barrier that may be safely topped with most oil-base paints.

Bonding new concrete to old: ADVABOND PVA ensures that the substrate is stable, sound and thoroughly clean and free from oil, grease and any adhering material. Apply a sealing coat of ADVABOND PVA diluted with four parts of clean water and allow drying. Apply a bonding coat of ADVABOND PVA diluted with an equal volume of water and lay the new concrete while this coat is still tacky. Screed

For thin crack free floor screed (normal to heavy duty), ADVABOND PVA, 20 litres to 30 litres/100kg cement is recommended as a standard dosage

Application: For uneven surfaces or gaps to be filled, ADVABOND PVA is diluted with equal amount of water to obtain a paste with plaster, cement or with fine sand. Such paste can be applied as An adhesive for plaster boards, polystyrene tiles etc. to ceiling and walls. If the bonding surface is more porous, add 3 times the amount of water to ADVABOND PVA and prime the surface

As a bonding agent for screeds, plaster and rendering, the surface should be sound and free from all unwanted materials, such as oil, grease, paint etc. Sealing of the surface is done with 1 part ADVABOND PVA with 3 parts of water. Then apply the bonding coat (1:1) and render screed or plaster normally. The same method is used to bond new concrete to old.

Note: Do no use below 50c
Over trowelling has to be avoided
Always follow the mixing ratio and instructions

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COVERAGE

20 litres to 30 litres/100kgs cement in 140 - 150ltr/m³ (as an admixture for mortar)

Ratio 1:1- 01 litre/20m²

Ratio 1:3 – 01 litre/35m²

Render coat: 10 -15ltr / 100kg cement

Curing occurs within 3 - 7 days.

PACKING & SHELF LIFE

Up to 12 months in manufacturer's sealed containers stored in a cool dry place and away from high temperature. Available in 20kg and 200kg container. Reseal the container after use and ensure product is stored as instructed on the label

HEALTH & SAFETY

As with all chemical products, caution should always be exercised, such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. For more details, please refer to the MSDS released on each AIM product

TECHNICAL SPECIFICATIONS

PROPERTIES	VALUES
Standards conforms	BS 5270
Appearance	White color
Specific gravity	1.00 at 25 °C
pH	6- 8
Chloride content	Nil
Flammability	Non-flammable
Dry Film Nature	Tough

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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