

SAB® bonding PVA Admix 218

PVA Bonding Agent

Description

SAB® bonding PVA Admix 218:

Is an opaque aqueous white liquid, externally plasticized polyvinyl acetate emulsion of medium to high viscosity. It is an aqueous emulsion specially formulated for use as a bonding agent and as an additive with cementitious mixes to improve the mix properties.

SAB® bonding PVA Admix218 is used in cementitious mortars, plasters, concrete, thin layer patch mortars, etc. to improve the waterproofing, wear resistance, durability and bonding properties.



ADVANTAGES

As Bonding Agent: SAB® bonding PVA Admix218 will bond cement screeds, rendering and plaster to most sound surfaces such as concrete, stone and brick and new concrete to old without the need for hacking the surface to form a key.

As Admixture: As an admixture in cements/sand and granolithic screeds:

Technical data SAB® bonding PVA Admix218

Appearance	White Liquid
Solid Content	35%
Specific Gravity	0.98 to 1.02

(All values are subject to 5-10 % tolerance).

PREPARATION OF SURFACE

MIXING

As a Bonding Slurry Coat: As per recommended dosage, add SAB® bonding PVA Admix 218 to premeasured quantity of water in a suitable container and stir well. Add cement slowly and mix well using a slow speed drill machine fitted with a paddle.

As an Admixture: Manual mixing is not recommended. Preferably a forced action mixer or low

speed drill fitted with a paddle should be used. Weigh the cement and sand where required, into the mixer and dry blend together for one minute. Add the premixed SAB[®] bonding PVA Admix218 and clean water. Continue mixing for 3 minutes to ensure complete dispersal into the sand-cement mix. Make any small adjustment to the quantity of clean water but do not significantly exceed the dosage shown below. Mix until homogenous material is obtained.

Repair Mortar Mix Proportions

Thickness 6 -40mm

10 litres of SAB[®] bonding PVA Admix218

8-12 litres of water (as per the required consistency).

50 kg of Ordinary Portland cement

150 kg of sand.

Floor Screed- Mix Proportions

Thickness:30mm- 70 mm

10 liters of SAB[®] bonding PVA Admix218

6-10 liters of clean water

50 kg of Ordinary Portland Cement 100 kg of fine aggregate.

The screed should be of earth moist consistency.

Renders-Mix Proportions

Thickness: 6mm -15mm

10 liters. Of SAB[®] bonding PVA Admix218

6-10 ltrs of clean water

50 kg of Ordinary Portland Cement

100 kg of fine sand

The render should be cohesive and of earth moist consistency.

APPLICATION AND CLEANING OF TOOLS

As a Neat Bonding Agent: Stir SAB[®] bonding PVA Admix218 well and apply using brush, roller or spray on the prepared surface. Ensure that the material is spread evenly on the entire surface. Subsequent material to be bonded should be placed while SAB[®] bonding PVA Admix218 is still tacky.

As a Bonding Slurry Coat: Apply slurry bonding coat made up of SAB[®] bonding PVA Admix218, water and cement into the ration of 1:1:1 by weight using brush or roller.

As an additive: SAB[®] bonding PVA Admix218 modified mortars, toppings and renders must be well compacted on the prepared substrate by trowel. Exposed steel reinforcement should be completely encapsulated by mortar. SAB[®] bonding PVA Admix218 modified mortars can be applied at a thickness of 6 mm to 40 mm. Where thick sections in excess of 40mm are to be built up, the surface of the intermediate layers should be keyed and primed.

CURING

All cementitious mortars, render, screeds, repair materials modified with SAB[®] bonding PVA

Admix218 should be cured with mist water spray or moist curing by spreading wet hessian cloth or use of appropriate curing compound from ECOCURE range.

COVERAGE

As a neat bonding agent: 5-7 m²/litre/coat. Actual coverage depends on texture and porosity of substrate. As an additive for tile and adhesives, bedding mortars, sand-cement renders plasters and screeds. The dosage may vary from 10-20% by weight of cement.

HEALTH AND SAFETY

As with all chemical products. Care should be taken during use and storage. Spillages of SAB[®] bonding PVA Admix218 should be absorbed onto sand, earth or vermiculite and transferred to suitable containers.

Contaminated areas will become slippery therefore care must be exercised. The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

PACKING AND STORAGE

5 Litres, 20 Litres & 200 Litres Drums

STORAGE AND SHELF LIFE

Store under cover, out of direct sunlight and protect from extremes of temperature. Storage life up to 12 months when stored in unopened containers as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

SHELF LIFE

12 months when stored as above.