



Vetobond PB433

Versatile resin adhesive, cement modifier, bonding agent & sealer

Uses

- As a universal, versatile general adhesive.
- As a primer on bituminous material for painting with oil-based paints.
- As a plaster bonding aid for tile and granolithic concrete toppings.
- As a dust proofer for cementitious surfaces.
- As an admixture to cement-based products.

Product Description

Vetobond PB433 is a PVA-based bonding agent. The cement admixture, a non-toxic, non-flammable liquid of medium viscosity, dries to a transparent film sealer and cement modifier designed to be used as the low gauging liquid cementitious systems. It is used for internal applications. Vetobond PB433 is applied directly from the bottle or pail to the concrete substrate by brush, roller, or spray.

Advantages

- Versatile with applications in a large number of building trades.
- Environmentally friendly water-based odorless and non-flammable.
- Suitable for use over bituminous materials.
- Easy to apply by brush, roller, or spray.
- Excellent bond to most construction materials.
- Cost-effective, suitable for use in MENA region conditions.

General Applications

Vetobond PB433 has the following general areas of application:

- Cement modifier; enhances the adhesion of cement-based products to concrete and other masonry products.
- As a primer for gypsum boards and plasters receiving paints.

Repairing cracks and holes in cementitious floors
resurfacing of worn concrete and granolithic floors.
Leveling of worn stair treads.

Usage Instructions

Surface Preparation

The surface must be sound and thoroughly cleaned before Vetobond PB433 is applied. All loose particles, old mortar, laitance, dirt, paint, etc., must be removed by brushing with a stiff /wire brush or other suitable means. Fungi or Algae should be scoured away using hypochlorite type bleach or proprietary fungicidal solution and then washed with water. Timber and composition boarding must be dry and free from wax, polish, and paint, etc. Remove all traces of oil and grease with an industrial-grade chemical degreaser or another suitable degreasing agent.

On vertical surfaces, where the paint cannot be removed, it is advisable to peck-hammer, except where gypsum plasters are to be applied. This ensures a bond between Vetobond PB433 and the structure and prevents failure due to lack of adhesion between the paint film and the substrate.

Sealing porous surfaces

Porous surfaces should be sealed with a solution of 1 part Vetobond PB433 without dilution. If the surface is less absorbent, then dilution of up to 1 part PB433 to 10 part clean water is recommended. Site trials are highly recommended before dilution.

Breeze, foam, slag, and other lightweight building blocks are exceptionally absorbent and may require wetting down before sealing.

Other Application

1. As a plaster bonding agent:

For Gypsum, Lightweight gypsum, and Anhydrous plasters, seal as required and prime with a solution of 1 part Vetobond PB433 to 1 part water and allow to become tacky. Then plaster straight onto the tacky Vetobond PB433 in the normal way.

2. For heavier rendering and cementitious toppings:

Seal and prime as above and then prepare a key coat by mixing 1 part ordinary Portland cement, 1 part clean washed sharp sand, gauged to a stiff consistency with 1 part Vetobond PB433 to 3 parts clean water. Apply this to the tacky priming coat to an average thickness of 6 mm (¼ inch) and stipple with a stiff brush or otherwise roughen the surface to provide a good mechanical key. Allow to harden and dry thoroughly. Test for adhesion before applying to render.

3. Ceramic, concrete, quarry, clay, and terrazzo tiles:

Seal with a solution of 1 part Vetobond PB433 to 5 parts water. Brush well into the surface and allow to dry. Before bedding tiles in sand and cement, give the floor and the base of the tiles a further coat of 3 parts Vetobond PB433 to 1 part water. Whilst this is still wet or tacky, apply sand and cement bedding to the base and bed the tiles.

4. Polystyrene tiles, Plasterboard and Acoustic board:

Prepare and seal the surfaces where required. Using a suitable filler such as plaster, cement, fine sand, or sawdust, make a paste with the solution of 1 part Vetobond PB433 to 1 part water. Apply this mixture as an adhesive coat to the tiles and surface to be bonded.

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

Product	Pack Size
Vetobond PB433	20 Liters Pail 200 Liters Drum

Vetobond PB433 has a shelf life of 12 months when stored in its sealed original containers below 35°C.

Coverage

Based on 1 Liter of Vetobond PB433:

Usage	Vetobond PB433	Water	m ² Approx.
Sealer Coat	1	10	50
	1	5	25
Primer Coat	1	1	15
Primer in conjunction with mortar	1	1	3
	1	3	3

Note: These figures are based on typical substrates. Actual coverage may vary according to porosity.

Health & Safety

Vetobond PB433 is non-flammable. Kindly refer to the product MSDS for information.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Waterproofing Systems.
- Concrete Repairs & Grouts.
- Flooring Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tile adhesives & Grouts.
- Primers & Ancillary Products.
- Thermal Insulation Systems.
- Protective Coatings.
- Accessories.