

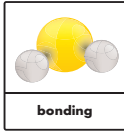
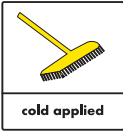
RUSHBOND PVA

Polyvinyl acetate based bonding agent

Surface sealer, bonding agent, admixture for cement and mortar

USES

Rushbond PVA bonds with almost all building materials except PVC, rubber and polyethylene. When added with suitable filler, it can be used to bond plaster board, ceramic tiles, marbles etc.



DESCRIPTION

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

BONDING AGENT

This gives mortars, especially topping mortars, very good resistance. The wear resistance of screed treated with Rushbond PVA is excellent compared to a conventional screed with common mortar.

ADMIXTURE

Rushbond PVA has a plasticizing effect which improves mortar application, increases the mechanical strength of screed and renders, reduces shrinkage and has perfect adhesion even on smooth concrete.

SURFACE SEALER

Rushbond PVA can be used as a surface sealer for concrete and floors to minimize the dusting and penetration of unwanted oils. It can be used as an effective primer to certain decorative coatings.

APPLICATION PROCEDURE

1. For using as an adhesive for uneven surfaces, or gaps to be filled, prepare a paste of Rushbond PVA diluted with an equal amount of water, cement and fine sand. The 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 Rushbond PVA and prime the surface.



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2. As a bonding agent for screed, 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 of Rushbond PVA and 3 parts of water. Then apply the bonding coat and render, screed or plaster normally. The same method is used to bond new concrete to old.
3. As an admixture, Rushbond PVA gives a crack free thin floor screed. For normal to heavy duty flooring 20-30 liters/100kg. Cements is recommended.
4. For heavy rendering and cementations topping, seal and prime the surface and prepare the render coat with 1 part of clean washed sand with 1 part of ordinary Portland cement, 1 part of Rushbond PVA to 3 part of clean water. Apply this to the tacky priming coat. 10 to 15 liters Rushbond PVA per 100kg of Cement is recommended for such type of application.

WATCH POINTS

- ▶ PVA Bond is not recommended where permanent dampness occurs.
- ▶ Do not use below 50°C
- ▶ Over troweling is to be avoided.
- ▶ Always follow the mixing ratio and instructions.

COVERAGE (APPROXIMATE)

- As an admixture
 - ▶ Floor screed/toppings: 20-30 L per 100kg. Cement i.e. 100 liters m² of mortar approximately.
 - ▶ Render coat: 10-15 L. per 100kg cement.
- As a primer/adhesive/bonding coat

Neat	: 1L per 10m ²
Dilute 1:1	: 1L per 20 m ²
Dilute 1:3	: 1L per 35 m ²

These values will vary according to the degree of porosity and texture of the surfaces. However this can be taken as a general guide line.

TECHNICAL DETAILS

PROPERTIES	VALUES
Appearance	White viscous non-toxic liquid
Solid content	40±2%
pH	8 – 9.5
Min film forming temperature	5°C
Specific gravity	1.28±0.05
Standard	BS 5270

CLEANING

Clean all the tools with water immediately after use. Hardened materials can be removed mechanically only.

PACKING

5L, 20L, & 200L

STORAGE & PACKING

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-condition environment. Shelf life is up to 12 months when stored as per recommendations. Available in 1.5kg packs.

HEALTH AND SAFETY

As with all construction chemical products caution should always 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 medical assistance immediately.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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