

# COSTAR SUPERBOND 5

## PVA Based bonding agent and admixture

### Description

Costar Superbond 5 is polyvinyl alcohol stabilized, externally plasticized, vinyl acetate homopolymer. It contains no harmful phthalates. It is suitable for use as general-purpose economic adhesive, sealer and mortar improver.

### Features

- General purpose bonding agent and admixture for concrete and plasters
- Cement render improver
- Reduces surface dusting

### Typical Applications

- As a highly effective and easy to use building adhesive.
- As a primer, admixture, bonding agent, sealer and dust-proofer.
- For use on a wide range of building jobs.
- As general purpose adhesive for wood, cork, paper, textiles etc.
- As an internal filler when mixed with shavings/plaster.

Total Solids	32-37%
Viscosity @ 23°C	7000-15000 cP
Minimum Film Forming	~2°C
High Temperature Stability	(1 week @ stable 50°C)

### Approvals / Standards

Costar Superbond 5 meets the bond strength requirements of BS5270, "Polyvinyl acetate (PVAC) emulsion bonding agents for internal use with gypsum building plasters".

**As an adhesive for uneven surfaces:** make a paste of Superbond 5 diluted with equal amount of water, cement and fine sand. the paste can be applied as an adhesive for fixing plaster boards, polystyrene tiles. to ceiling and walls. If the surface is highly porous, apply a primer coat of Superbond 5 mixed with water in the ratio of 1:3.

**As a bonding agent for screeds, plasters and renders:** The surface shall be sound and free from all contaminants, such as oil, grease, paint etc. Sealing of the surface is done with 1 part of Superbond 5 with 3 parts of water. Apply the bonding coat followed by the application of the render, screed or plaster normally. The same method shall be used to bond new to old concrete.

**As an admixture:** For normal to heavy duty flooring, 20-30 litres of Superbond 5 is the recommended to be admixed with 100 kg cement.

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For heavy renderings and cementitious toppings: Seal and prime the surfaces with Superbond 5 diluted with 3 parts of water. prepare the render coat with 1 part of ordinary portland cement, 1part clean washed sand and 1 part of Superbond 5 to 3 parts of clean water. Apply this to the tacky prime coat. 10 to 15 liters of Superbond 5 per 100 kg cement is recommended.

Note: Stir the contents of the product thoroughly, before use.

### Product Information

Packaging	5ltr and 20 liters
Appearance / Colour	White liquid
Shelf Life	12 months if kept in correct conditions and in original, tightly closed containers.
Storage Conditions	Protect from frost and store between 5°C and 25°C.
Density	ca. 1.07 g/cm <sup>3</sup>
PH-Value	4-6

### Application Information

#### Consumption

Neat; 1 litre per 4-6m<sup>2</sup>.

Diluted 1:1; 1 litre per 8-12m<sup>2</sup>. Diluted 1:3; 1 litre per 16-24m<sup>2</sup>.

Consumption will vary

### Warranty

The information and recommendations relating to the application Costar products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costar endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costar reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request

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