

## PRODUCT DATA SHEET

# Parex Cembond

Cementitious adhesive and primer

## DESCRIPTION

Parex Cembond is a blend of Portland cements and quality chemical modifiers which produce a water-proof adhesive primer for masonry and concrete. The product is mixed with water on site and applied by brush. The special mix design provides excellent adhesion to construction surfaces and minimises the risk of sulphate attack on renders from contaminated substrates.

## USES

- Priming layers for Portland cement renders, screeds and plasters.
- Fixing bead stops, coving, etc. for Portland cement based plasterwork and rendering.

## FEATURES

- Excellent adhesion.
- Easy to use - just add water.
- Supplied in user friendly 5 kg units.
- Good resistance to sulphates.
- EuroClass A1 reaction to fire.
- Excellent coverage.
- No primer required.

## PRODUCT INFORMATION

Packaging	5 kg tubs
Shelf life	12 months from date of manufacture.
Storage conditions	The Product should be kept in dry conditions at a temperature of 5°C to 35°C. Storage at higher temperatures and high humidity may reduce the shelf life.
Appearance and colour	Grey powder.

## TECHNICAL INFORMATION

Tensile adhesion strength	~1.8 MPa	(EN 1542)
Reaction to fire	EuroClass A1	

## APPLICATION INFORMATION

Mixing ratio	2.5 litres of water per 5 kg unit.
Consumption	A 5 kg unit will cover approximately 12 to 18m <sup>2</sup> , dependant on surface texture.

<b>Ambient air temperature</b>	+5 °C minimum +35 °C maximum
<b>Initial set time</b>	~25 minutes, depending upon substrate.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Do not retemper stiffened material.
- Only mix and apply as much Parex Cembond as can be overcoated within 20 minutes of application.
- If total application thickness is greater than 12 mm, the plaster should be applied in two layers; a first tight coat left with a combed finish to key into the floating coat, applied once the first coat has set.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

All contact surfaces must be clean and sound. Remove all loose material, laitance, dust, any previous coatings, oil and mould.

### SUBSTRATE QUALITY / PRE-TREATMENT

No priming is necessary. On dry surfaces, to assist the coating in fully wetting out the substrate, this background should be dampened (matt damp, not glistening).

### MIXING

Parex Cembond is supplied in 5 kg tubs. The water requirement to produce the mortar is 2.5 litres per 5 kg of dry material. Pour the required quantity of water into a suitable, clean mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing is recommended using a slow speed high torque drill with a grout stirrer. Mixing should be continued for three minutes after all the powder has been added to obtain a 'creamy' consistency.

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## APPLICATION

Apply Parex Cembond to the area using a large paint brush, using long, sweeping strokes. Immediately overlay with the first layer of plaster or render.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika 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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