

PRODUCT DESCRIPTION

PlekoBond SP is a single component polymer based plastering bonding agent for cementitious materials. It is designed to improve the physical and mechanical properties of plaster mixes and cement mortars while reducing shrinkage cracks.

USES

A versatile concrete admixture specifically formulated to enhance the physical and mechanical properties of mortars, screeds, and plasters. It also improves bonding strength between fresh and existing concrete, floor toppings, renders, and mortars.

APPROVED SUBSTRATES

Can be used on concrete, masonry, cementitious plaster and renders.

PACKAGING

20 kg in plastic drums

PROPERTIES

- **Economical**
- **Easy to use**
- **Multipurpose**
- **Excellent Adhesion**
- **Resistant to Hydrolysis**
- **Properties Enhancer**
- **Improved Strength**
- **Improved Waterproofing**
- **Contains No Iron**
- **Non-toxic, Non Flammable**

TECHNICAL DATA

Appearance	White liquid
Bulk Density (Kg/L \pm 0.5)	1.0
Cement Compatibility	Excellent
pH (\pm 1)	7.2

INSTALLATION

MIXING

Mix thoroughly until uniform consistency taking special care to avoid excessive up and down motion with drill and blade.

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. All porous surfaces should be presoaked with clean water prior to application.

Exposed steel reinforcements should be treated by adequately removing any corrosion and protected by epoxy coating then allowed to dry.

APPLICATION

As an additive for cement mixes: Add PlekoBond SP (up to 25% of the cement weight) to the previously prepared mixture of sand/cement or sand/cement /gravel and mix with suitable concrete mixer, pan mixer or low speed mixer until homogeneous, avoid overmixing. Apply by steel trowel and finish with a wooden float.

As a primer: Use PlekoBond SP without dilution. Apply PlekoBond SP directly onto the substrate using a brush or spray. If using a hand pump, spray at a rate of 4-6 m² per liter.

While the bonding agent is wet to tacky, immediately apply plaster, screed, render, or mortar.

As a bonding slurry: Mix PlekoBond SP with water at 1:1 ratio, mix with fresh cement and fine sand to achieve a homogeneous brush able slurry consistency Brush vigorously into the presoaked substrate to fill all pores, avoid puddling and remove any excess. The repair mortar or topping should be applied while film is still tacky.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Do not allow to freeze. Do not apply to substrates which are wet from dew or rain. Must be protected from rain and freeze until hardened.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust. For detailed information refer to relevant material safety data sheet.

The product is non-flammable

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.