

PRODUCT DESCRIPTION

PlekoBond V is a single component economical bonding aid, primer, sealer and concrete modifier. It consists of a specially designed high performance modified PVA emulsion.

USES

Versatile product used to improve bonding strength of fresh to old concrete, of floor toppings, renders and mortars; To enhance the physical and mechanical properties of mortars, screeds and plaster; As a curing agent for the freshly laid concrete; As a primer and sealer on porous substrates such as plaster, block and concrete.

APPROVED SUBSTRATES

Can be used on concrete, masonry, cementitious plaster and renders, blocks, gypsum, wood, stone....

PACKAGING

20 kg in plastic drum

COVERAGE

3-6 m²/L as bonding primer

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **One component, Easy to use**
- **Economical**
- **Multipurpose**
- **Good Adhesion**
- **Resistant to Hydrolysis**
- **Durable**
- **Suitable for MENA weather conditions**
- **Suitable for Internal & External use**
- **Non-toxic, Non Flammable**

TECHNICAL DATA

Appearance	White liquid
Bulk Density (Kg/L ± 0.5)	1.0
pH (± 1)	8.0

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 a bonding/priming agent: Brush PlekoBond V 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.

As an additive for cement mixes: Add PlekoBond V (up to 25% of the cement weight) to the previously prepared mixture of sand/cement or sand/cement /gravel and mix with low speed mixer until homogeneous, avoid overmixing.

As a curing aid: Spray PlekoBond V onto cementitious repair mortar or topping to avoid rapid evaporation of water. Apply multiple passes of fine spray to completely cover surface. In severe hot / windy conditions the use of

a high efficiency liquid curing agent from PlekoCure range is recommended.

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.