

# VICABOND®

Edition 11016

## High performance one component cementitious bonding slurry

### Description

**Vicabond** is a one component **Prompt** cement based premixed bonding slurry. The mix design includes siliceous graded fillers, a special redispersible copolymer, and a synergistic blend of admixtures. The mix contains no chlorides, ferrous metal or other deleterious materials. The product is pre-blended and ready for mixing on site to produce a ready to use, easy to apply workable bonding slurry. **Vicabond** may be applied on all types of substrates; concrete, bricks or stones, prior to apply a fresh layer of concrete or mortar by the wet on wet method, insuring a greatly improved bond.

### Advantages

- Resists alkalis and acids of PH as low as 4.
- Formulated for short and long term efficiency.
- Suitable for food industry and potable water.
- Excellent adhesion.
- Easy to apply.
- Water resistant, suitable for submerged conditions.

### Uses

**Vicabond** is to be used whenever the bonding improvement by the wet on wet method between fresh concrete or mortar and old substrate, whichever is concrete, mortar, bricks or stones, is needed.

### Standards & Specifications

Color	Grey
Toxicity	Non-toxic
Pot life	≈40mins at 24° C
Fresh density	2 Kg/liter
Adhesion	> 10 Kg/cm <sup>2</sup>
Setting time	IST: ≈60mins at 24° C FST: ≈90mins at 24° C

### Package & Coverage

**Vicabond** is supplied in 25 Kg bags (other sizes maybe available upon request).

After mixing with water, the 25 Kg bag yields about 15 liters of slurry covering 30 m<sup>2</sup> of 0.5mm thickness.

The rate of consumption per square meter will be 1 –1.5 Kg / m<sup>2</sup> applied in one coat.

Allowance should be made for any possible wastage when estimating.

### Application Instructions

#### **Surface preparation**

All substrates should be clean, free from dust, loose particles, grease, oil or any other foreigner matter.

All concrete surface defects (Honey combs, Rock pockets, air voids .....etc.) should be repaired following a proper repair procedure, using **Vicaseal Mortar** or **Vicarep**. Before applying **Vicabond**, all surfaces should be saturated with water with no running water (saturated surface dry).

#### **Mixing**

- In a suitable container add 5.5 –6.0 liters of potable water to the content of a 25 Kg bag of **Vicabond**.
- Start mixing with a slow speed drill (350 - 450) rpm for enough time to produce a homogeneous mix.

### **Application**

- The slurry will be applied to the prepared surfaces using a suitable brush in a single application.
- New concrete or mortar should be applied over the **Vicabond** layer while it is still wet.

### **Precautions**

- Protect the **Vicabond** bags from direct sun rays or any other source of heat before use, this can lead to a very fast setting.
- Avoid working on hot substrates.
- **Avoid contact with gypsum or any other sulfates on substrate, mixing water or curing water in plastic state.**

### **Health and safety**

**Vicabond** is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs, wash thoroughly with clean water. Should eye contact occur, rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

### **Storage & shelf life**

**Vicabond** should be stored in normal temperature and closed shaded dry area in undamaged original packing. It is recommended to be re-tested after 6 months from the production date.

### **Technical support**

For any technical support, please consult our technical office or representatives.

### **More information**

Please refer to the **Prompt** technical document and the CD-ROM of VICAT special binders.

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