

### BondPlast IB

External Insulation Facade System.

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#### DESCRIPTION

**BondPlast IB** is a dry pre-mixed, thin bed adhesive mortar specially formulated for External Insulation Facade System (E.I.F.S.) for gluing insulation boards.

#### USES

- Ready mixed plaster for E.I.F.S.
- Provides Decorative texture surface.
- Bonding coat for Insulation Broad.
- Can be applied in both Internal and External.

#### ADVANTAGES

- Single component only needs addition of water at site.
- Self cured.
- Weather resistant
- Water proof and crack-free.

#### PROPERTIES

<b>Binder</b>	: Ordinary Portland Cement / Highend Polymers
<b>Aggregate Size</b>	: 0-0.6 mm Processed Sand
<b>Appearance</b>	: Grey granular powder
<b>Mixing Ratio</b>	: 10-11.5 ltrs of water per 50 kg bag.
<b>Coverage</b>	: 1.2 kg/ m <sup>2</sup> /1mm thickness
<b>Working Time</b>	: Approx. 30 minutes
<b>Pack Size</b>	: 50 kg paper bags
<b>Shelf Life</b>	: 12 months from date of manufacture when stored in dry conditions.

(Coverage may vary according to the application method and site conditions)

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#### **SURFACE PREPARATION**

The background should be thoroughly cleaned, devoid of dust deposits, sinter-skin, form oil, loose particles and other contaminations which may adversely affect adhesion. The suction in the background should be neutralized by applying potable water. Free water on the surface should be allowed to disperse before applying BondPlast IB. On no account should it be applied over wet backgrounds as this will lead to de-bonding. Insulation boards should be dry, clean and free from dust.

#### **MIXING**

**BondPlast IB** supplied in 50 kg bags has to be mixed in a clean plastic bucket or a clean, non-corrosive, uncontaminated metal tub with potable water only. To ensure a homogeneous and uniform mix use a slow speed drill machine fitted with a mixing spiral.

The amount of water to be added is 11 – 12.5 liters per 50 kg bag. Add BondPlast IB to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. Hard and set plaster should not be re-mixed.

#### **APPLICATION**

##### ➤ **Securing insulation board against background :**

**BondPlast IB** is applied manually as a single coat of approx. 3mm to 5mm using a mason's trowel. For greater thickness, a subsequent second thin coat has to be applied wet-on-wet, whereby the first coat must be leveled.

Insulation panels must be laid in position before the adhesive becomes surface dry and pressed firm onto background. Do not spread more adhesive at a time than can be covered with insulation panels within the working time.

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➤ **Bonding Coat onto insulation board for subsequent plastering finishing coats :**

BondPlast IB is applied in a single coat, having a thickness of 3 to 5 mm. To achieve a uniform thickness spread the mortar using a steel trowel. Embed fiber glass mesh into the wet mortar and level using a steel trowel. Finish off with a thin coat of decorative render.

Before applying any kind of decorative render, BondPlast IB has to be allowed to dry out completely, devoid of any moisture.

For further assistance kindly contact BondChem Technical Department.

### **STORAGE / SHELF LIFE**

Keep away from direct sunlight / moisture and store under normal warehouse conditions. Avoid stacking more than six layer high as the product is likely to become hard under constant heavy loads. The shelf life of the product is 12 months from the date of manufacturing. It is advisable to rotate the stock so that bottom layer bags should not be subject to continuous load.

### **HEALTH & SAFETY**

This product contains Portland Cement which is slightly alkaline when wet. For people with sensitive skins continuous use may cause irritation. Gloves or suitable barrier cream should be used. As a general Code of Safety Practice all chemical products should be treated with care, kept away from children and animals, especially protect eyes and skin. In an emergency seek medical advice.

Whilst the information and / or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.

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