

## **HI-RENDER SB**

**(Polymer Modified Render for Internal and External.)**

### **DESCRIPTION**

Hi Render SB is a pre bonded, ready to use polymer modified cement based render which requires only the addition of water. These are suitable for interior and exterior use, providing an excellent surface for the application of acrylic textures and paints.

### **ADVANTAGES**

- Speeds up and simplifies the on-site mixing process;
- A non 'tacky' formulation for easier application. An extended 'hang time' for greater productivity and high early hardness.
- Great 'straightening qualities' via the use of darbies
- Tear resistant screedability.
- Excellent 'come back' qualities for easy floating and finishing.
- Guarantees the correct amount of bond every time - whether applied by hand or machine

### **USES**

Hi Render SB is generally used where a consistent high-quality render is required. They can be used as a full render coating in single or multiple coats - applied between 7- 10mm thick per coat and 'screeded flat'.

Alternatively, they can be used as a thin section render applied between 4-8mm thick, which can then either be screeded flat or allowed to follow the undulations of the substrate.

### **SUITABLE SUBSTRATES**

Hi Render SB are suitable for use over all correctly prepared substrates including:-

- Clay bricks
- Concrete blocks Concrete slab edges  
Off-form concrete Concrete tilt panels

### **MIXING**

The water-liquid (gauging liquid) component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation.

Approximate gauging liquid consumption is 3 - 4 Litres to a 20kg bag.

Providing the ambient temperature is not too high that it will cause rapid moisture loss & drying.

Product usage Scaling factor = 1.7 kg (dry powder) per sqm per 1mm thick  
(eg. a 6mm thick application requires  $(6 \times 1.7) = 10.2$  kg per sqm of Renderwall powder)

Total render coating thickness must not exceed 20mm. For applications that exceed 12 mm, add 2% Hi Fix per coat.

### **COVERAGE**

Applied at 4mm thick, one bag of Masonry Renders will cover approximately 2m<sup>2</sup>.



Note: The theoretical coverage is based on a true flat substrate that has no recesses or voids with minimum suction (porosity) and depends on application techniques

### **APPLICATION**

To overcome any potential segregation that has occurred during transit, thoroughly mix the maxi bag contents before use.

The substrate must be clean, sound masonry. Cement render relies on substrate "suction" for adhesion and subsequently "free moisture" for proper hydration-cure, and therefore masonry surfaces must be absorbent but not so absorbent that they rob water away from the render during early cure stages. Test surface absorption with water - Surfaces must immediately absorb water to become "dark damp" and remain damp.

Hi Render SB can be applied by traditional Hawk & Trowel method or via Render Pump in single application from 4-6mm or up to 10mm thick in multiple applications.

## **PACKING**

Hi Render SB is available in 20kg bags.

## **SAFETY**

Hi Render SB contains cement powders which can be harmful to the skin. During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

**This Product is Formulated and Labeled and Commercial use only**  
For Best Results and Safest Usage, User is Specialty Directed to Consult.

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