



## High Performance, Waterproof, Non-sag, Cohesive, Water Retentive and Reduced Rebound, Cementitious, Premixed Block Jointing Mortar

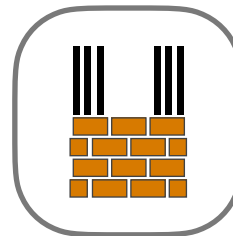
### General

**SS - BlockBond SR** is a premixed block bonding mortar consisting of ordinary portland cement (Grey), graded, processed, silt-free and clay-free sand and special additives / chemicals. These ingredients are formulated and blended carefully thus ensuring high degree of product performance and consistency. The mortar needs to be mixed with only water to be ready-for use. The sand in the mixture, being graded and processed, provides better tensile strength to the mortar and reduces the possibility of shrinkage and cracks in the future. The product requires no to minimal water curing. In addition the additives provide special properties such as reduced rebound during application, water retention, easy workability, water repellence and enhanced coverage.

The chemical blend and polymeric additives in the formulation help in providing a cohesive mechanical bond and adhesion between block to block and block to surface. The formulation helps the product gain better strength, water retention and stability. At the same time, its water repellency and non-shrink formulation helps to minimise water ingress through joints. **SS - BlockBond SR** replaces the conventional method of block jointing, which used a 12-18 mm thickness with a revolutionary 2-3 mm joint thickness. The material is compatible with many substrates such as AAC blocks, concrete blocks, hollow blocks, clay bricks and fly ash bricks.

### Product Features

- Reduced shrinkage cracks through better cement hydration.
- Enhanced Bonding
- Good Strength, workability and sag resistance
- Very good compressive, flexural and tensile strength
- Minimal Rebound loss, no loss of material
- Water Resistant
- Easy to work with and very cohesive
- Consistent quality
- Easy to mix and apply
- Better joint finish and surface appearance
- Economical, easy to quality control
- Low joint thickness, 3-6 mm



Concreting & Finishing Aids



### Areas of Application

- Fixing Clay Bricks in Masonry
- Fixing Concrete Blocks in Masonry
- Laying media for Flyash Blocks
- Laying of CLC, AAC or other lightweight blocks in Masonry
- Using as a pointing mortar in Masonry
- Indoors, Outdoors
- Wet or Dry Areas
- Mortar for Brick-bat coba
- Screed
- Fill mortar for Covings
- Filling Stone Joints / Laying Stone



### Areas of Application

<b>Specification Keywords</b>	Waterproof, non-sag, reduced rebound, cohesive, cementitious, premixed block jointing mortar, High Bond Strength, no curing
<b>Delivered As</b>	Grey Powder
<b>Storage Instructions</b>	Store in a cool and dry area away from sunlight, in original packaging
<b>Shelf Life</b>	12 Months
<b>Post Use</b>	Empty packaging completely. Dispose as per local regulations.
<b>Packing Size</b>	40 kg



## Hazards and Safety



## Technical Data

<b>Mixed Mortar Density</b>	~ 1.6 +/- 0.05
<b>Consumption</b>	Approx. 1.5 kg / sq. m. / mm thickness
<b>Mechanical Properties</b>	Compressive: > 10 N / mm <sup>2</sup> ; Adhesion: > 0.5 N / mm <sup>2</sup>
<b>Mixing Ratio</b>	~ 30.0% water by weight of powder.
<b>Surface Usable After</b>	24 Hours
<b>Application Temperature</b>	10°C to 45°C

## Instructions for Use

Prior to use, adequate surface preparation is needed. The substrate / blocks should be structurally sound, free from oils, grease, dust or curing compounds, etc. The surfaces should be free from paints and laitance. The substrate / block should be damp, not saturated prior to application of **SS - BlockBond SR**. Remove any and all dust in the substrates using an air blower or a stiff brush.

Weigh out the water and **SS - BlockBond SR**. Add the powder to the measured water and not vice-versa as it helps in dispersion of the polymers. Mix Mechanically for 2 to 3 minutes to get a smooth trowel able mixture. Water if needed can be added to get the correct consistency. Wait 5 minutes and mix again to get best results.

Apply to the prepared surface / block, using a steel trowel in 1 to 2 layers as required. Use a notched trowel to comb through the applied material. Place the block on applied mortar and twist into position to ensure firm setting of the block. Use a spirit level or string line and rubber mallet to align the block and to remove any air gaps in between blocks for proper jointing and alignment. Mix and use complete bags for best results. Do not disturb the set blocks after application of mortar for at least 24 hours.

## Safety and Precautions

- Mix only small quantities that can be used within 30 minutes.
- Water should not be added to hardened mortar.
- Higher temperatures accelerate the hardening and lower temperature delays it.
- The mortar requires adequate protection from drying out and needs curing. Contact us for any other special applications.
- Take suitable safety precautions at all times. Always wear protective goggles, safety shoes, masks and gloves.
- If inhaled, move immediately to fresh air. In case of skin or eye contact, flush immediately with water for 15 minutes.
- Remove contaminated clothing and shoes and call a physician.
- Clean up promptly after job is complete. Clean equipment with water and allow to dry in a well-ventilated area. Allow rags etc. to dry in a well-ventilated area out of the reach of children and pets.
- Local, state and federal regulations should be consulted for proper disposal procedures.