

ROCKBOND POINTING MORTAR

Self-healing, self-sealing crystallising mortar

DESCRIPTION

ROCKBOND POINTING MORTAR (RB 1.07) powder is a specially formulated, pre-mixed ready to use mortar powder. The powder contains a blend of fine cement powders, a graded quality sand, waterproofing agents, and a union of admixtures. The material, when mixed with water, produces a thixotropic, non-shrink, waterproof mortar which is specially formulated for the pointing of concrete, and for the filling and sealing of joints and cavities. The powder is packaged in 4 kg plastic buckets and 25kg durable bags, with a shelf life of 2 years.

SPECIAL PROPERTIES

- Contains crystal growth technology: movement cracks will self-seal.
- Portland cement based, polymer modified, and microsilica enhanced.
- Quickly and easily mixed, worked, placed and finished.
- High build material: thixotropic, cohesive, and non-slumping.
- Stable under pressure: can be pumped or injected into place.
- High strength material and bonds fast to concrete and steel.
- Impermeable, dense, waterproof, and resistant, to chemical attack.
- Contains no chlorides, ferrous metal or other deleterious substances.
- Economical, user friendly, non toxic and safe to use.

USES

- The pointing of concrete, stone, masonry, bricks and blocks.
- The filling and sealing of cracks, cavities, joints, gaps and seals.
- Waterproofing and damp proofing applications.
- For use with a pump and line, or with a hand held injection gun.
- For application to soffit substrates, or in high build situations.

MIXING INSTRUCTIONS

ROCKBOND POINTING MORTAR (RB 1.07) powder is mixed with water using a suitable container, a pneumatic or electric drill (1kW), and a ribbon mixer. Larger amounts of material may be mixed using a forced action paddle mixer.

Add 3.75 litres of water to the container or mixer.
Pour 25kg of the powder onto the water while mixing.
After all the powder has been added, mix for 30 seconds.
The mortar is now ready for use.

APPLICATION PROCEDURE

To point up bricks and blocks, rake out all crumbly or weak mortar. Ensure that all surfaces with which the mortar comes into contact are clean and dust free. Use a water spray to washout and remove debris.

For pressure pointing applications: mix the mortar, and inject the material at the back of the cavity or fissure. Withdraw the nozzle while still injecting to minimise the formation of voids. Bring the level of mortar up to the profile of the brickwork. Finish off with a trowel.

To render brick or cementitious surfaces, remove all friable or weak material. Continually soak the substrate before applying the mortar. All standing water must be removed prior to applications.

Alternatively, and especially on weak or porous substrates, use ROCKBOND LATEX CONCENTRATE (RB 7.15). Brush the latex completely and evenly over the concrete.

If the concrete substrate requires a primer, apply a second coat of latex to the first coat. Normally, 1 litre of ROCKBOND LATEX CONCENTRATE (RB 7.15) will treat 5m² of substrate surface with 2 coats of latex.

To maximise the contact of the mortar to concrete, and to reduce voids at the bondline, form a CONTACT COAT; use a gloved had to rub, work and compact the mortar well into the substrate. Ensure complete and intimate contact of the material with the concrete. On top of the contact coat, add and build up the mortar to the required level. Use a steel float to produce a smooth and attractive finish.

For the application of the mortar to soffit substrates, for a contact coat. Only just cover the substrate with mortar. The material is successfully applied at a stiff consistency using gloved had. Push and hold 25mm or more thick portions of the material onto the contact coat. Allow the mortar to gel and stiffen before finishing with a steel float.

HEALTH AND SAFETY

ROCKBOND SPEICAL CONCRETE PRODUCTS are non toxic and safe to use. However, use the same precautions as with any cementitious product, wear goggles, protective clothing and a dust mask while mixing and applying the material.

TECHNICAL DATA

TYPICAL DATA at 15% water/powder ratio at 20^oc

CONSISTENCY:	Wet mortar		
CONSISTENCY LIFE:	20 minutes		
DENSITY:	2180kg/m ³		
MINIMUM COMPRESSIVE STRENGTH:			
1	7	28	Days
15	35	55	N/mm ²

YIELD: 25kg powder yields 13.0 litres of wet mortar. 25kg powder treats 1m² of concrete at 13mm cover. 1m³ wet mortar requires 1.925 tonnes of powder. mortar

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team:

CONTACT DETAILS

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