

ROCKBOND RENDER COAT

2 pack coating for concrete, brick and masonry

DESCRIPTION

ROCKBOND RENDER COAT is a two-part protective flexible coating system, consisting of a cementitious powder and an acrylic co-polymer latex. The ROCKBOND RENDER COAT POWDER is a blend of special cement powders, graded sands and a collection of admixtures, and when mixed with the ROCKBOND RFC LATEX produces a render that is easily applied by trowel or spray. The hardener material is highly adhesive, flexible, waterproof and durable, and provides a protective and attractive coating to brick and concrete. The material is supplied in 30 kg packs (Component A: 25 kg durable bag of powder and Component B: 5 Ltr of RFC Latex). The powder has a shelf life of 2 years and the latex has a shelf life of 1 year.

SPECIAL PROPERTIES

- The render is quickly and easily mixed, worked and placed.
- The coating is flexible and extremely adhesive.
- Non-shrink, non-cracking and shrinkage compensated.
- Can be placed in sections of 25 mm to a feather edge.
- Weatherproof, waterproof and microporous.
- Durable to frost and freeze/thaw cycles.
- Will readily accept a dry dash pebble finish with minimal rebound.
- Economical, non-flammable, non-toxic, user friendly and safe to use.
- Water soluble – tools and equipment are quickly and easily washed.

USES

- To render cement, concrete, brickwork, blockwork, masonry and stone.
- To repair and protect weak or damaged concrete or brick surfaces.
- To produce waterproof and durable coatings to external walls of offices, factories, warehouses and buildings.
- For use as an anti-carbonation coating to cement and concrete.
- To produce attractive and aesthetically pleasing finishes to houses, buildings and concrete structures.

MIXING INSTRUCTIONS

ROCKBOND RENDER COAT POWDER is mixed with ROCKBOND RFC LATEX using a suitable container, a pneumatic or electric power tool (1kW), and a ribbon Mixer. Larger amounts of material may be mixed using a forced action pan mixer. A slow mixing action is recommended.

Firstly, add approx $\frac{3}{4}$ of the latex to the container or mixer. Pour all the powder onto the latex while mixing. After all the powder has been added mix gently for 1 minute. Slowly add more latex while mixing until the required consistency is achieved. The Render Coat is now ready for use.

Alternatively, small amounts of the material can be prepared by slowly adding the powder to a quantity of latex and mixing to the required consistency.

APPLICATION PROCEDURE

Careful and proper preparation of the brick or concrete substrate is essential if a successful render is to be placed. Thoroughly and completely abrade the surface where necessary to produce a sound substrate with a good mechanical key. All traces of contamination must be removed. Brush or blow any dust or debris.

On weak, friable or porous substrates, use ROCKBOND LATEX CONCENTRATE (RB 7.15) to penetrate, consolidate and seal the surface of brick or concrete. With a brush or a soft broom, brush the latex completely and evenly over the surface. Work the latex well into the substrate. Pay particular attention to the edges, and brush liquid at least 25 mm beyond the perimeter of the area to be covered. Let the latex dry out, usually 15 to 20 minutes, depending on conditions.

Repeat the procedure if necessary. Normally 1 litre of ROCKBOND LATEX CONCENTRATE (RB 7.15) will treat 5 m² of concrete surface with 2 coats of latex.

Use ROCKBOND REPAIR MORTAR (RB 1.01) to patch repair any necessary areas. Mix the ROCKBOND RENDER COAT POWDER with the ROCKBOND RFC LATEX. The material can be applied by trowel, steel float or spray. Using a steel float, apply a 3 mm cover to the brick or concrete. Spread the render completely and evenly over the substrate. Work the material well into the surface to ensure intimate contact between the substrate and the render.

After a few hours, when the first coat is sufficiently strong, apply a second 3 mm coat. Use a hand-held spray containing acrylic latex to produce a smooth and attractive finish.

The spread rate for a 2-coat application is 6 Litres/m²

If the coating is sprayed, two coats can be applied in one operation. Spray "wet on wet", coat the brick or concrete with a 3 mm layer, and allow the material to gel and stiffen. After a few minutes, return and apply a second 3 mm coat. Use the spray or steel trowel to produce an attractive finish.

If a pebble dash finish is required, wait until the render coat is sufficiently stiff to hold the aggregate without slumping.

HEALTH AND SAFETY

ROCKBOND RENDER COAT POWDER (RB 7.03) is non-toxic and safe to use. However, use the same precautions as cementitious product, wear goggles, protective clothing and a dust mask while mixing and applying the material.

ROCKBOND RFC LATEX (RB 7.20) is non-toxic and safe to use. However, if splashes enter the eyes, the latex must be immediately washed out with plenty of clean running water. Continue the treatment for several minutes with the eyelids kept open. If the latex is ingested, give the patient plenty of water to drink.

TECHNICAL DATA

TYPICAL DATA at 18% latex/powder ratio at 20°C

CONSISTENCY:	Good mortar consistency
CONSISTENCY LIFE:	45 minutes
DENSITY:	1600 kg/m ³

MINIMUM COMPRESSIVE STRENGTH:

7	28	DAYS
2	3	MPa

YEILD: 1 x 30 kg pack yields 17.7 litres of Render Coat.
1 x 30 kg pack covers 2.95 m² of concrete at a depth of 6 mm.

TECHNICAL INFORMATION

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

CONTACT DETAILS

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