

ROCKBOND PRIMER FOR STEEL

Anti corrosion protection for steel

DESCRIPTION

ROCKBOND PRIMER FOR STEEL (RB 1.00) is a pre-mixed, ready to use, acrylic modified powder used to protect steel reinforcing. The system contains a unique blend of fine Portland and Microsilica cements, an acrylic co-polymer powder, a union of compatible admixtures. The powder also contains powerful corrosion inhibitors. The material, when mixed with water and painted onto steel reinforcing, produces an elastic alkaline coating which will protect the steel against corrosion and chemical attack. The powder is packaged in 4kg plastic buckets and has a shelf life of 2 years.

SPECIAL PROPERTIES

- Specially formulated for the protection of steel reinforcement.
- Quick and simple to mix and apply.
- Portland cement based, acrylic modified and microsilica enhanced.
- Provides an elastic alkaline protective coating to steelwork.
- The coating bonds fast to steel and is impermeable.
- Contains the latest anti-corrosion technology – the corrosion inhibitors will migrate to corroded steel, re-passify and protect.
- Compatible with all ROCKBOND SPECIAL CONCRETE PRODUCTS.
- Contains no chlorides, ferrous metal or other deleterious substances.
- Economical, non-toxic, user friendly and safe to use.

USES

- Brush or spray applied onto steel reinforcing to protect the steel against chlorides, moisture, oxygen and acid gases.
- To chemically passify steel in chemically aggressive environments.
- To protect steel against de-icing salts and in marine locations.
- For reinforced concrete repairs and in new construction.
- For use in concrete repairs and in new construction.
- Protective coating to new or freshly prepared steelwork.
- Ideal alternative to zinc rich primers or resin coating systems.

MIXING INSTRUCTIONS

ROCKBOND PRIMER FOR STEEL (RB 1.00) powder is mixed with water using a suitable container, a small electric drill, and a ribbon mixer.

Add 500 ml of water to the container.
Pour 1.25 kg of powder on to the water while mixing.
After all the powder has been added, mix until homogeneous.
The primer is now ready for use.

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

APPLICATION PROCEDURE

Remove all rust, scale and corrosion products on the steel surface by abrasive blasting or by wire brushing. The steel should be free from oil, dust, diesel, loose material or any other surface contaminants.

Mix and paint ROCKBOND PRIMER FOR STEEL (RB 1.00) completely and evenly onto the steel surface to give a cover or not more than 1 mm.

HEALTH AND SAFETY

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

TECHNICAL DATA

TYPICAL DATA at 40% water/powder ratio (500 ml/1.25 kg) at 20°C.

CONSISTENCY:	Thixotropic
CONSISTENCY LIFE:	30 minutes at 20°C
SPREAD RATE:	1.25 kg powder treat 1 m ² of steel surface at 1mm cover.
YIELD:	4 kg bag treats 3.2 m ² of steel surface at 1mm cover.

TECHNICAL INFORMATION

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

CONTACT DETAILS

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