

**FORMULATORS, MANUFACTURERS AND CONSULTANTS OF
SPECIAL CONCRETE PRODUCTS**

Newton's Farm Estate, Wissington, Nayland, Suffolk.CO6 4LX, England

Telephone: 01206 265116 Facsimile: 01206 265117

Email: info@rockbond.co.uk **Website:** www.rockbond.co.uk

ROCKBOND RESIN TANKING SYSTEM**DESCRIPTION:**

ROCKBOND RESIN TANKING SYSTEM (RB RTS) is a specially formulated two part, solvent free, epoxy coating system which consists of a hardener and a base. When the hardener component is mixed with the base, a grey liquid resin is produced which quickly hardens to produce a strong bonding, impermeable and chemically resistant coating to concrete and steel. The compound is used to tank and waterproof cementitious materials, concrete, brick and other porous surfaces. The Resin Tanking System protects concrete against chemical attack. The system is supplied in 5kg/5 litre packs and has a shelf life of 2 years.

SPECIAL PROPERTIES:

- * Pre batched, pre packed and ready to use.
- * Supplied in standard grey, but can be supplied in a range of attractive colours.
- * Water dispersible, and free from toxic organic solvents.
- * Quickly and easily mixed and applied by brush, broom, roller or spray.
- * Forms a strong permanent bond to wood, concrete, stone, brick, steel, glass and other construction materials.
- * Surfaces are anti-slip, clean, hygienic and washable.
- * Non hazardous: formulated to BS 6920 for use in potable water environments.
- * Impermeable, waterproof, weatherproof and frost proof.
- * Resistant to aqueous solutions, chemicals, acids, diesel, oils, hydraulic fluids and solvents.
- * Water "soluble" - resin and equipment can be washed and cleaned with water.
- * High yielding, economical, non toxic, odour free, user friendly and safe to use.

USES:

- + To tank and waterproof brick, block, masonry, stone, cementitious materials and concrete.
- + To seal water retaining structures, reservoirs, tanks, pools, pipes and sewers.
- + Tanking, roofing, waterproofing and weatherproofing applications.
- + To waterproof brick and concrete foundations, underground structures, retaining walls, linings, cellars, and tunnels.
- + To fill, seal and protect cracked concrete, brick and porous cementitious surfaces.
- + To protect concrete in chemically aggressive environments such as marine defences, food processing factories, chemical works, abattoirs, dairies, breweries, sewers and farms.
- + To produce attractive and aesthetically pleasing finishes to concrete and concrete structures.

MIXING INSTRUCTIONS:

ROCKBOND RESIN TANKING SYSTEM HARDENER is added to the RESIN TANKING SYSTEM BASE and mixed together using a suitable container, a pneumatic or electric power tool, and a ROCKBOND SMALL RESIN STIRRER (RB SRS). A slow mixing action is required.

Add all the contents of the hardener to the base.
(Mix 1 part by weight of hardener to 1 part by weight of base).
Thoroughly mix for 2 minutes until homogeneous.
The resin is now ready for use.

ROCKBOND RESIN TANKING SYSTEM (RB RTS).

APPLICATION PROCEDURE:

Remove all traces of contamination from bonding surfaces. Vacuum clean or blow away all dust and debris. On weak, friable or porous substrates, use the ROCKBOND RESINTOP PRIMER to penetrate, consolidate and seal the surface. With a brush or a stiff broom, brush the primer completely and evenly over the surface at the rate of 4.5m²/litre. Let the resin dry out for 2 to 4 hours before the applying the ROCKBOND TANKING SYSTEM COATING.

Mix and apply the ROCKBOND RESIN TANKING SYSTEM to the primer evenly and completely by brush or spray at the rate of 4m²/litre to give a cover of approximately 250 microns. (Approximate dry film thickness will be 200 microns). When the first coat is dry, normally 2 to 4 hours, apply a second coat at the same rate, and at 90° to the first coat.

The spread rate for a two coat application of the Tanking System Coating is 2.0m²/litre.

Do not use at temperatures below 5°C. Depending on conditions, protect from rain for 12 to 15 hours. Normally, the ROCKBOND RESIN TANKING SYSTEM will become waterproof after 24 hours after the final application.

HEALTH: SAFETY AND STORAGE:

Wear goggles, gloves and protective clothing while mixing, handling and applying the material. Consult the relevant MSDS for further details. Store in a cool, dry, dark place.

FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

Gilbert Cox BSc,
Technical Director,

Rockbond SCP Ltd.,
Newton's Farm Estate,
Wissington, Nayland,
Suffolk, CO6 4LX.
England.

Telephone: 01206 265116
Facsimile: 01206 265117

Email: info@rockbond.co.uk
Website: www.rockbond.co.uk

IMPORTANT NOTE:

ROCKBOND SCP LTD provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liability can be accepted for any damage or loss arising from the use of ROCKBOND SCP LTD literature or its products, because the company has no continuous control on how the products are mixed, placed or cured.

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