

SCOTTPROOF TANKSEAL

Scottproof Tankseal is a high performance, elastomeric cementitious coating, used for waterproofing and to protect atmospherically exposed, reinforced concrete structures from attack by acid gases, chloride ions, oxygen and water.

The Scottproof Tankseal powder is suitable for all types of structures including those in coastal environments.

This product can be used on concrete brick-and-block work substrates and is equally suitable for new and existing structures. The product is designed to reface and even-out variations in concrete and masonry surfaces while bridging shrinkage cracks. It provides a seamless, flexible waterproof coating suitable for water tanks, reservoirs, drainage culverts, basements and roofs. The product provides a tough, durable, water-resistant coating which can withstand light pedestrian traffic and also has excellent weather resistance for exterior applications.

TYPICAL PROPERTIES

- Appearance : Viscous liquid
- Colour : Grey

ADVANTAGES



Allows water vapour to escape from the structure



Flexible, with thermal expansion similar to concrete



Waterproof- suitable for water-retaining structures



Excellent bond to concrete and masonry



High resistance to the effect of long term weathering, durable in all climate conditions including u.v. attacks



Good crack accommodations capacity



Non toxic-ideal for potable water tanks



Minimum surface preparation needed and low labour costs

APPLICATION INSTRUCTIONS

• Surface Preparation

All surfaces which are to receive the coating must be free from oil, laitance, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Typically, concrete surfaces can be cleaned using high-pressure water jets, grit-blasting or by proper wire-brushing spalled surfaces or those containing large blow holes, cracks and other such defects. They should be repaired using render or concrete repair mortars.

• Mixing

Scottproof Tankseal mixes to a slow speed drill (500 rpm). The powder component should be added gradually to the liquid to avoid lump formation and mixed for 2-4 minutes. Powder should be immediately used after mixing. Do not mix more material than can be used within the pot life. Keep stirring Scottproof Tankseal during the application.

• Mixing Ratio

Powder: 2 kg
Liquid: 1 kg

● Application

For best results, surfaces should be damp. In order to obtain the protective properties of Scottproof Tankseal, it is important that the correct rates of application are observed. Use a short, stiff brush preferably 120-150 mm width and apply the mixed material like paint. The application of Scottproof Tankseal should not be done if the temperature of the substrate is below 10 degree centigrade. When applying Scottproof Tankseal on hot substrates i.e. over 30 degree centigrade surface temperature, saturate the surface with water. Apply Scottproof Tankseal in two to three coats to achieve 1 mm thickness. The second coat of Scottproof Tankseal shall be applied as soon as the first coat has reached touch-dry state. It is recommended that, for general surfacing, Scottproof Tankseal should be applied at a minimum thickness of 1 mm. Areas subjected to moderate and heavy loads/ hydrostatic pressure, minimum 2 mm thickness coating is recommended with the screed above. Allow Scottproof Tankseal coating to dry before covering with Screed. sprinkle coarse sand on the wet surface of the final coating for better adhesion of the screed.

The average drying-time is 4 to 6 hours at normal temperatures.

SAFETY PRECAUTIONS

In case it comes in contact with eyes, wash the eyes with plenty of water. If irritation persists, consult a medical practitioner.

SHELF LIFE

At least 12 months from the date of manufacture in the original sealed condition.

STORAGE

Low or high temperature storage should be avoided and the adhesives should preferably be stored within the temperature range of +5°C up to +35°C.

SERVICES

For further information on this product and its application, please contact the Technical Services Department of Nerofix Pvt. Ltd.

IMPORTANT NOTICE

Whilst all reasonable care is taken in the compilation of this data sheet, it is the customer's responsibility to determine the suitability of the product for the desired application.

DISCLAIMER

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