

Talrak® Boreseal

Resin based bore packing system for sealing pipe penetration in concrete and masonry



The Construction Alchemists

Description

Talrak® Boreseal is a fast setting two-part resinous pre-packed system. It is compatible with most of the construction materials like concrete, PVC pipes, CPVC, CI, GI, Stoneware pipes etc., completely by providing a watertight bore hole.

Features & Benefits

- Fast setting
- Tolerant to moderate moist surface
- Excellent bond with most of the construction materials
- Non corrosive
- Waterproof

Primary Application

Talrak® Boreseal is useful in the installation of rain water and waste water disposal system. It is designed to seal the annular space between the pipe penetrations through bore holes in concrete. Talrak® Boreseal bonds well to all type of pipes such as PVC, CPVC, CI, GI, Stoneware pipes etc. used in the installation of waterproofing and plumbing works in RC slabs of roofs, bath rooms, toilets, wet areas to install down take pipes, waste water pipes, water supply and sanitary pipes, etc.

Technical properties

Specific gravity of mixed material	1.85 to 1.9
Pot life of mixed material	30 to 50 minutes
Bond strength	Excellent with most of the construction materials
Full cure time	24 hours
Chemical resistance	After 3 days
Water absorption	The cured material will have negligible water absorption

Application Instructions

Surface Preparation

The internal surface of the hole in concrete and the external surface of the pipe shall be cleaned thoroughly to remove any loose particles and bond breaking adherents. The surfaces shall be roughened to create a mechanical key. The surface of concrete shall be scratched with a sharp tool and the pipe surfaces can be roughened using a coarse emery paper.

Installation of the pipe

The cleaned pipe shall be inserted in the borehole. It shall be positioned in the bore hole in such a way that a uniform annular space of about 5 mm shall be achieved around the pipe. The pipe shall be fixed firmly in position by suitable means so that it is not disturbed during the sealing process. Temporary overhead sealing of the annular space in the lower end of the bore hole shall be done using cement paste mixed to a self-retaining rigid consistency in an overhead situation. The sealed seam is allowed to cure for 5-8 hours. Where time constraints for curing is faced, Rendercem® Qset shall be used for instant sealing.

Mixing

The supplied outer box contains two inner packs. A wide mouth tin contains liquid (Part A) and a polybag containing powder (Part B). The lid of the wide mouth tin opened carefully without spilling the material while opening. The powder shall be slowly added into the liquid while stirring the liquid using a spatula. The process of mixing shall be continued until a uniform mix of pourable consistency is obtained. Always whole packs shall be mixed. Part mixing is never recommended.

Note: Hands shall be covered by rubber gloves. Eye protecting goggles shall be used during mixing and application of the material.

Application

The mixed material is poured from the top into the annular space around the borehole and the pipe. The pipe should then be left undisturbed until the material sets completely.

Cleaning

Talrak Boreseal should be removed from tools and equipment with Talrasol GP immediately after use. Hardened material can only be removed mechanically.

Estimating Packaging

Talrak® Boreseal is supplied in 1kg combo packs.

Coverage

One kg of mixed material is sufficient to fill a void of 0.53 litre volume.

Storage

Talrak® Boreseal has a shelf life of 6 months if kept in dry store in original, unopened containers. If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

Precautions

Health & Safety instructions

Confined areas must be well ventilated and no naked flames allowed. Contact with the skin should be avoided as certain sensitive skins may be affected by contact with the polyester resin. In such cases if contact with the resin occurs, the skin should be washed immediately with soap and water-not solvent. Gloves and barrier creams should be used when handling these products. Eye contamination must be immediately washed with plenty of water and medical treatment sought.

Fire

Talrak® Boreseal is flammable. Confined areas must be well ventilated and no naked flames allowed. Do not smoke during use.

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Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

Works:

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