

TIE HOLE SEALER

Description

A cement based polymer modified high build/thixotropic compound designed for the sealing of tie holes and as a pointing mortar.

Advantages

- Controlled expansion to produce a perfect seal.
- Simple to use two pack formulation.
- Supplied in kit form requiring only the addition of a Skeleton Gun.

Mixing & Application Instructions

The quantities are pre-measured to give exactly the right mix and consistency to seal the tie rod holes. The packaging has been designed to promote easy mixing without waste and the simple transfer of the mixed Tie Hole Sealer into its individual applicator cartridge. If any spillage occurs on the concrete it is easily washed off with cold water providing it is carried out within the time the materials takes to set.

1. Place 90% of the gauging liquid into the tin then slowly add the powder, mix thoroughly by hand, add further gauging liquid if required until desired consistency is achieved.
2. Fit the open aperture plunger lid into the tin.
3. Invert tin and place plunger lid over the applicator cartridge. Press down to transfer all the contents of the tin into the cartridge.
4. Fit piston into cartridge barrel. REMOVE SEAL AT CARTRIDGE NOZZLE END and fit screw-on nozzle.
5. Fit the correct extension nozzle which should fit over the end of the embedded tie.
6. Insert the filled applicator cartridge into the applicator ensuring that the pressure plate locates into the dished back of the piston. After a short period the Tie Hole Sealer will be fully thixotropic and is then ready for use.
7. To allow the Tie Hole Sealer to cure and prevent surface drying out prematurely, ensure all holes have been wetted out prior to application.

Tie Hole Sealer may be trowelled off at the face of the concrete and will remain a light grey colour. If a cosmetic finish is required the Tie Hole Sealer should be stopped back about 12mm and the aperture finished off later using Nupatch Cosmetic.

Filling of She Bolt Holes

The nozzle of the gun, when inserted into the she bolt aperture in the concrete wall fits over the stub end of the tie rod and, as the Tie Hole Sealer is pumped in, the nozzle will be pushed backwards as the hole is filled. In this way no air locks form and the hole is effectively filled.

Filling of Through Tie Holes

In addition to using the Tie Hole Sealer to plug holes made by she bolts, it can also be effectiely used with through tie rod holes. When filling holes made by through ties any plastic pipe left in the wall should be removed or drilled back to about 50mm from the concrete face. Failure to do this could result in water tracking under the pipe itself. The plastic pipe should be plugged prior to the application of the sealer.

Technical Information

Type:	Cementitious/Acrylic Polymer
Density:	1.65
Yield:	606 cc/kg
Coverage:	Depending on application
PotLife:	25 minutes @ 20°C

Health & Safety

Tie Hole Sealer does not present any undue hazard and is non-toxic, however, as it is alkaline, gloves should be worn and any material should be washed from skin and eyes before it dries with clean water.

Limitations

Application should not be carried out when the temperature is below 5°C. In hot weather it may be necessary to cure the repairs.

Packaging

Tile Hole Sealer is supplied in Kit form, kit yielding 1 litre (1.7 Kgs)

KIT CONSISTS OF:

1.	1 Litre Plastic Cartridge c/w Piston and Nozzle
2.	Mixing tin c/w Follower Plate
3.	Bottle Gauging Liquid
4.	Bag of Cementitious Powder
5.	Extension Tubing
6.	Instruction data

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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FM11022