



GENERAL DESCRIPTION

TCI Stop Strong 45 is a hydraulic cement formula designed to set at three (3) times the speed of an ordinary quick set plug. Instant setting can be achieved in 45 seconds to stop pressure leaks in concrete and masonry surfaces. This rapid set allows TCI Stop Strong 45 to bond mechanically and chemically to saturate surfaces.

- Stops Streaming Leaks in Concrete
- Anchors Bolts and Rods
- Seals Cracks and Floor and Wall Junctions

FEATURES AND BENEFITS

- Non-Metallic, Non-Rusting
- Fast Setting
- Stops water leaks under pressure
- Easy to mix
- Single component
- Expands as it sets
- Waterproof
- Chloride and metal-free mortar
- Can be shaved and molded to the desired contour
- Once set, TCI Stop Strong 45 is resistant to hydrostatic pres-sure

SUBSTRATE PREPARATION

Slightly undercut the hole to be plugged and enlarge small cracks to permit embedment of material. The recommended minimum size of the hole or crack is 0.75 in. wide and deep. Remove all loose dirt or aggregate. Surfaces should be SSD (Saturated Surface Dry) prior to placement.

MIXING

Mix TCI Stop Strong 45 with clean potable water. Add just enough to make a putty consistency. The water ratio is three parts powder to 1 part water. TCI Stop Strong 45 is to be mixed in small quantities only due to rapid set time.

APPLICATION

Apply TCI Stop Strong 45 with a trowel or by hand to the seeping area starting at the top of the crack. Hold firmly in place, exerting pressure with hand or trowel for about 3 minutes to be sure TCI Stop Strong 45 does not wash out under water pressure. If small leaks should appear around the patched area, sprinkle TCI Stop Strong 45 in a dry form onto the leaking area, or mix a small batch of TCI Stop Strong 45 to a soft putty consistency and hold firmly over the area till set.

STOP STREAMING WATER:

Begin at the top of the crack and firmly place TCI Stop Strong 45 in, using some force to place it into the opening. Continue to apply pressure with a trowel or by hand until the material sets and the active water has stopped.

SEALING CRACKS, FLOOR /WALL JUNCTIONS

Firmly push TCI Stop Strong 45 into crack or hole to form a cove at the floor and wall junction.

ANCHORING BOLTS OR RODS

Drill or chisel a hole deep enough to hold the bolt or rod securely and a large enough opening, ½” space on all sides of the bolt or rod. Position the bolt in the hole, use a small pointed trowel, and fill in TCI Stop Strong 45 completely around the bolt. Smooth off the surface with a trowel while supporting bolt with a hand for about one minute until it does not sag.

NET WEIGHT: 50 LB SHELF LIFE: 12 MONTHS

STORAGE Store in a cool dry place, tightly seal package with no exposure to sun.

STOP STRONG 45

RAPID SETTING CEMENT BASED HYDRAULIC CEMENT

APPLICATION NOTES

1. It is the responsibility of the contractor to review the complete technical datasheets of CFT products referenced above, as more detailed information may be required. The information provided above acts only as a general guideline and may vary based on job site conditions.
2. Apply TCI Stop Strong 45 immediately after mixing.
3. Not for use in moving cracks.
4. Not for use as a surface-applied material or coating.
5. Maintain minimum application widths and depths.
6. Wet substrate prior to placement, keeping the material wet for a minimum of 15 minutes

TYPICAL TEST DATA

Compressive Strength ASTM C-109 Tensile Strength ASTM C-190 at 7 days and 28 days	
4 HOURS	2000 PSI
1 DAY	4000 PSI
28 DAYS	5500 PSI

WARRANTY

NOTICE-READ CAREFULLY
CONDITIONS OF SALE

CFT offers this product for sale subject to and limited by the warranty, which may only be varied by written agreement of a duly authorized corporate officer of CFT. No other representative of or for CFT is authorized to grant any warranty or to waive the limitation of liability set forth below.

WARRANTY LIMITATION

CFT warrants this product to be free of manufacturing defects. If the product, when purchased, was defective and was within the use period indicated on the container or carton, when used, CFT will replace the defective product with a new product without charge to the purchaser. CFT makes no other warranty concerning this product, either expressed or implied. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED. INHERENT RISK Purchaser assumes all risk associated with the use or application of the product.

Danger

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause respiratory irritation.
May cause cancer.

Wear impervious clothing/gloves to eliminate skin contact with wet cement. Wear impervious boots to eliminate foot/ankle exposure. Use ventilation to control inhalation of cement dust.

First Aid

Eye contact: Immediately flush eyes with water. Get medical attention.
Inhalation: Move to fresh air. Seek medical help if coughing or other symptoms persist.
Skin contact: Immediately wash with water and non-abrasive pH neutral soap.
Ingestion: Get medical attention. DO NOT INDUCE VOMITING.



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