FloodBarrier Inc.
7314 N.W. 46th Street
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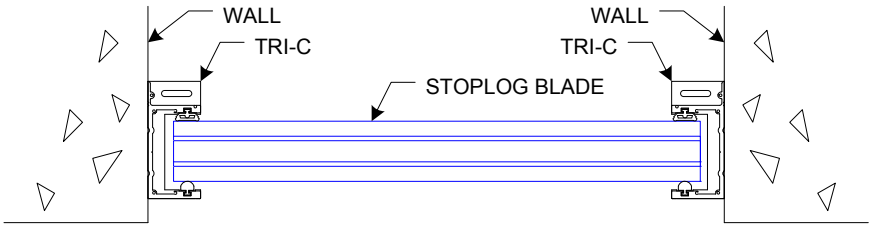
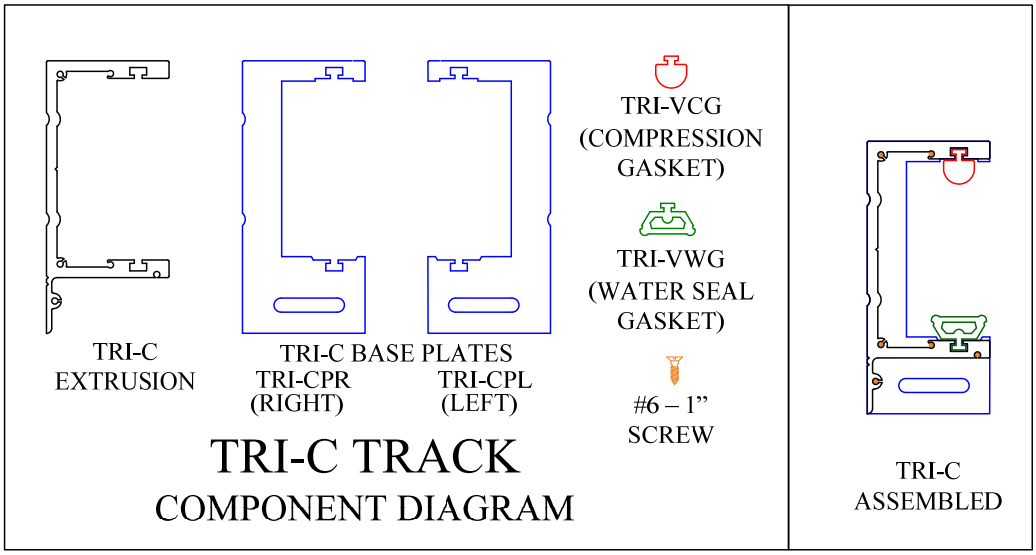
TRI-C: End Track for jamb or trap mount connections

Description:
The TRI-C connects directly to the structure and is the end termination for an opening or StopLog run. The TRI-C allows the stoplog blades to come off the surface it is attached to at a 90° angle. Common applications would be jamb mounted for garage door openings, inside corridors/entrance ways or face mounted to bring the system away from the structure.



TYPICAL TRI-C APPLICATION
PLAN VIEW



TRI-C TRACK
COMPONENT DIAGRAM

Primary Components:	**Secondary Components:**	**Installation Parts:**
Extrusion: TRI-C (Trap Mount Extrusion) Base Plates: TRI-CPR (Right Side Base) TRI-CPL (Left Side Base) Gaskets: TRI-VCG (Compression) TRI-VWG (Water Seal)	*Fabrication:* 1. #6 – 1" Tapping Screw 2. 3M 4400 UV Adhesive	*Permanent Installation:* 1. Hilti KB-TZ 3/8" x 3" 2. 3M 4000 UV 3. Tapcon ¼- 1 ¾" *Removable Installation:* 1. Hilti HIS 3/8" 2. Hilti HIT-RE 500 3. 3/8" x 1 ½" SS Bolt 4. 3/8" SS Washer 5. 3/8" x 1" SS Cover Bolt 6. 3/16 EPDM Rear Gasket 7. Sidewalk Bolt ¼" x 1" **8.** Elco Snake 3/8

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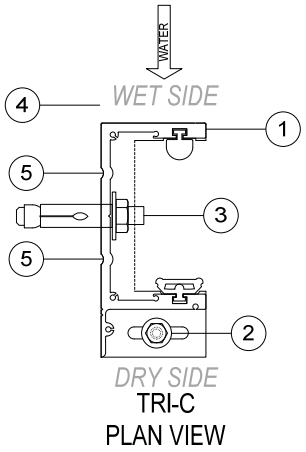
Tri-C Permanent Mount Component Diagram



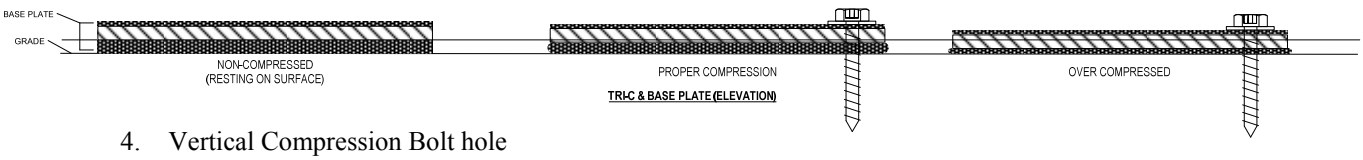
1. TRI-C Track Assembly
2. Tapcon (into base plate at floor)
3. Compression Anchor (into structural wall-vertical)
4. Structural Wall
5. Sealant depressions

Permanent Installation of the TRI-C End Track:

1. Locate installation area where the TRI-C will be located and mark around TRI-C perimeter with a pencil, to insure consistent track placement and remove track.

2. Clean mounting area of debris and check horizontal and vertical mounting planes
    a. Surfaces need to be cleaned of debris and any chemical residue.
        i. If a solvent is needed, MEK should only be used.
    b. Sealing surfaces need to smooth and flat. Remove any protrusions until the track makes a uniform vertical and horizontal connection to the mounting surface.
        i. Continuous contact of the track and mounting surface is necessary to make water seal. Grinding of the structural surface may be required.

3. Place track back into mounting area and set Base Plate
    a. Drill a hole for a ¼" Tapcon in the center of the base plate slot. track the profile
    b. Remove track and clean out concrete debris from whole
    c. Reset track into position and install Tapcon with S.S. washer – It will need to tensioned until the bottom gasket starts to show compression (slight bulging past the middle aluminum plate)



4. Vertical Compression Bolt hole
    a. With Base Plate compressed mark the location of the vertical bolt holes.
    b. Remove Tapcon and track
    c. Drill and clean-out the vertical bolt holes
    d. Clean mounting area of any concrete residue

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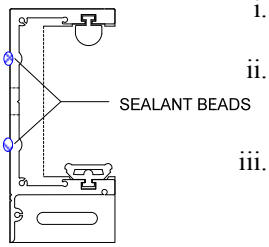
5. Apply Sealant to Track
    a. Insure that the rear of the track is clean and free of any chemical residue. (MEK solvent to be used as needed)
    b. Open sealant and place two bead lines within the sealant depressions on the rear of the track



        i. The bead size should place enough sealant to ensure that it expands past the sealant depression when compressed
        ii. Bead lines need to be continuous starting at the Bottom and Terminating 1” from the top of the track. (This prevents squeeze-out at the top of the track and is above the protection height of the barrier)
        iii. Note: Sealant is not intended to fill voids (variations out of the continuous plane). If the track does not make a consistent contact along the vertical structural surface. Remove track and grind structural surface until continuous contact is achieved.

6. Reset track into mounting area and manually compress sealant against vertical surface
    a. Reset Tapcon and washer and compress until the vertical anchor holes are in line with the holes drilled into the structure.
    b. Insert Compression Anchors through the track into the vertical mounting holes.
        i. Tighten Compression anchors until firmly seated.

7. Track installation is complete
    a. Allow 24 hours for the sealant to cure prior to utilizing the Triton System.