

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**APPLICATION**

TWFR Mounting Frames are assembled with TWB Sealing Block Assemblies to form a TW Series THRU-WALL BARRIER.

TWFR Series Frames are designed with a removable section to permit installation around cables/conduit that are already installed.

TWFR Series Frames can be grouted into walls, floors or ceilings. They can be mounted in any position but keyways must be oriented so that the TWB Sealing Block Assemblies will install in the desired position.

**INSTALLATION**

1. Disassemble the TWFR Frame by removing the four hex head screws that secure the two reinforcing bars and removable section assembly to the main TWFR Frame. DO NOT loosen or remove the four inner screws. (See Figure 1.)

**CAUTION**

To insure correct assembly, the removable section and main frame are individually matched. Before disassembling, place an identifying mark between the two sections for proper reassembly.

2. Place the main frame around the existing cables/conduit making sure all are included that are to be enclosed by the frame.
3. Apply a liberal coating of RTV106 (as provided) to the exposed ends of the main frame and removable section.

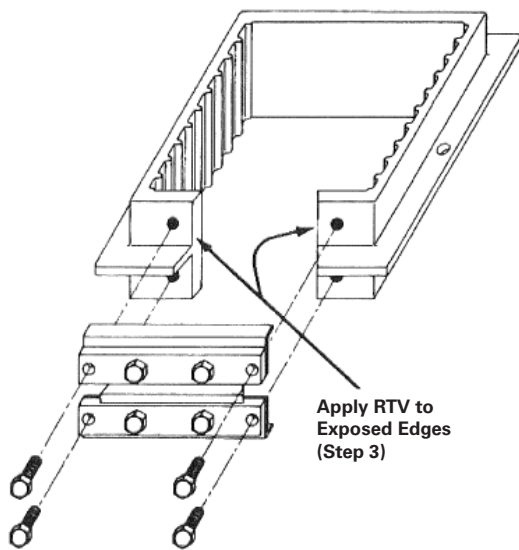


Figure 1: Frame Assembly

4. Reassemble the removable section assembly to the main frame making sure that the Identifying marks are positioned properly. Install and securely tighten the four hex head screws.
5. Wipe away the excess RTV106, making sure that the matching joints are completely filled with the RTV Compound.
6. Install the assembled frame into masonry wall or floor. (See Figures 2 and 3.) A minimum of 2 1/2 in. (63.5mm) of masonry is required between frame openings for both horizontal and vertical installations.

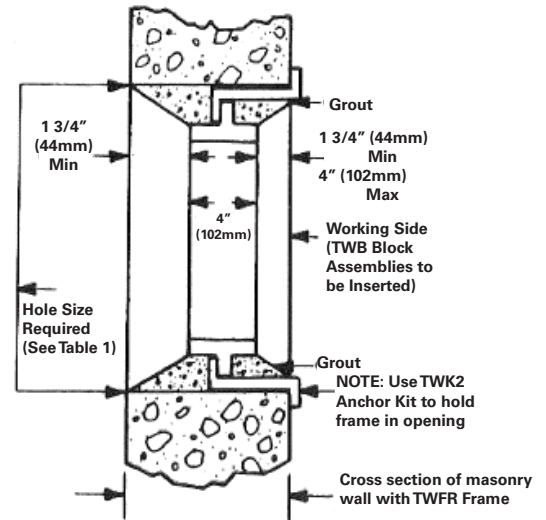


Figure 2: Grouted in Masonry Walls (See notes below)

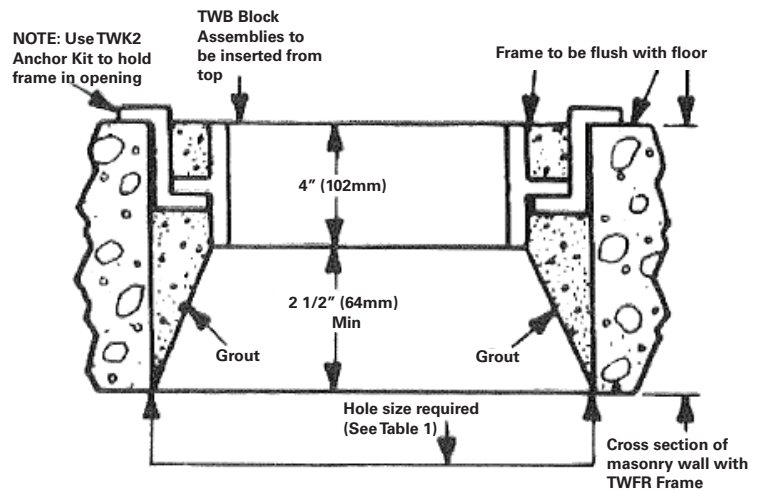


Figure 3: Grouted in Masonry Floors

HOLE OPENING SIZE REQUIRED FOR GROUTING IN WALL OR FLOOR		
TWFR6	9-1/4" (235 mm)	13-1/2" (343 mm)
TWFR10	12-1/4" (311 mm)	13-1/2" (343 mm)
TWFR12	11" (279 mm)	23-1/2" (597 mm)
TWFR20	16-3/4" (426 mm)	22-1/4" (520 mm)
TWFR24	16-3/4" (426 mm)	25-3/4" (654 mm)
TWFR30	16-3/4" (426 mm)	30-1/2" (775 mm)

Table 1

**Notes:**

- A. Install bonding jumper/grounding conductor adjacent to frame when required by specifications.
- B. Grout in frame on both sides using a non-shrink cement type of grouting material.
- C. Thoroughly clean any spillage out of frame and from edge of frame opening.
- D. At least one masonry block must be installed between adjacent frames.

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