**TWFR Series Frames**

**APPLICATION**

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

**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.)

![Frame Assembly Diagram](image1)

**CAUTION**

To ensure 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.

![Apply RTV to Exposed Edges](image2)

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](image3)

**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" (560 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.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds “Terms and Conditions of Sale,” since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.