INSTALLATION: STC ACCESS PANEL

Step One:
Build a framed opening in the wall, at the location and elevation as indicated by the construction documents. The “rough opening” size should be 0 3/8” larger in width and height than the STC access door you are installing. For example, a door size of 24” x 36” should have a rough opening size of 24 3/8” x 36 3/8”. Stud members on all four side of the opening are required to support this heavy access door, and are necessary to achieve best sound blocking results. Ensure that the opening is square and plumb.

Step Two:
Test fit the STC access door into the rough opening. These access doors are heavy, so get assistance if needed. Ensure that the STC access door fits, and is level and plumb. Use wood shims if necessary. The fit should already be somewhat tight at this point, if the rough opening was cut as instructed. For Masonry installation, mark walls through mounting holes for placement of anchors.

Step Three:
Remove the STC access door from the opening, and mark or scribe a line on the studs extending 2 ½” in from the front surface of the wall. For masonry installation, drill holes for and install masonry anchors in positions marked in step two above.

Step Four:
Apply caulking. For best results, Activar Construction Products Group, Inc. (ACPG) recommends the use of Green Glue Acoustic Sealant as manufactured by Saint-Gobain company. For a door size of 24” x 36”, ACPG recommends that two-thirds of one 20 oz. caulking tube of sealant be used. Apply a heavy layer of Green Glue Acoustic Sealant on all four exposed sides of the studwork and wall material, up to the line you marked in Step three. You will clean off any excess sealant once the installation has been completed. It is recommended that the top inside stud surface be coated last.
Step Six:
   Use a 4” plastic putty knife, or similar, to smooth the applied sealant into a consistent layer.
   For best performance, it is critical that all surfaces be thoroughly coated, and no gaps or bubbles remain.

Step Seven:
   Next, place your STC access door back into the opening.
   Secure through the mounting holes in the frame into the studwork, using countersunk screws. ACPG recommends that drywall screws be used for wood studs, or self-tapping sheet metal screws for metal studs. For masonry installation, install screws into masonry anchors installed in step 3 above.

Step Eight:
   If you used a sufficient quantity of Acoustical Sealant, it will be normal for some to have squeezed out thru the mounting holes and around the access door frame. To ensure smooth operation of the access door, it will be necessary to clean the excess Acoustical Sealant from all exposed surfaces, using hot soap and water.

Step Nine:
   Ensure that door opens and closes smoothing, with no binding nor sticking and is level and plumb. Adjust if necessary.