TOOLS AND HARDWARE NEEDED:

Noise proofing sealant such as Green Glue by Saint-Gobain
Putty knife or similar
#10 construction screws (by others)
Masonry anchors

INSTALLATION: STC/STCS—Acoustical access panel:

CAUTION: When installed in the ceiling, make sure to support the door before unlatching and opening, to avoid uncontrolled swinging of the door

1. Build a framed opening in the wall, at the location and elevation as indicated by the construction documents. The "rough opening" size should be 3/8" larger in width and height than the 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 necessary to achieve best sound blocking results. Ensure that the opening is square and plumb.

2. Test fit the access panel access door into the rough opening. Ensure that the 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.

FIG. 1

3. Remove the 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 (this will be needed for step 4 for the noiseproofing sealant) For masonry installation, drill holes for and install masonry anchors in positions marked in step two above.

4. Generously apply noiseproofing sealant inside of framed cutout. (Figure 1) For a door size of 36" x 36", ACPG recommends that two-thirds of one 28 oz. caulking tube of sealant be used. Apply a heavy layer of noise proofing sealant on all four exposed sides of the studwork and wall material, up to the line you marked in Step three. Clean off any excess sealant once the installation has been completed. It is recommended that the top inside stud surface be coated last.

FIG. 2

5. Use a putty knife, or similar, to smooth the applied sealant into a consistent layer. Spread acoustic sealant in a 2-1/2" wide band. (Figure 2) For best performance, it is critical that all surfaces be thoroughly coated, and no gaps or bubbles remain. The sealant needs to be at least 1/8" thick.

6. Next, place the access door back into the opening. Secure through the mounting holes in the frame into the studwork, using countersunk screws. ACPG recommends that #10 construction 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.

7. If a sufficient amount of noise proofing sealant, it will be normal for some to have seeped 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 if required. (Figure 3)

FIG. 3

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

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OPERATION:

Opening with the compression latch: If the compression latch is locked, use provided key to unlock from the exterior. Lift handle from top and turn 1/2 way and pull to open door. There is no interior release with this latch. To close: push in handle, turn 1/2 way and press down.

MAINTENANCE:

Access Panels are designed to be maintenance free. However, it is recommended that the outer surface of the panel, and the hinge area, be kept clear from debris and dirt, to ensure correct operation of the hinged door.

If latches, locks or hinges need to be lubricated, use a "3 in 1" type light oil, removing excess with a cloth.

To clean painted surfaces, use a soft cloth and mild soap and water.

To clean stainless steel, use a soft cloth and mild soap and water solution. After cleaning, thoroughly rinse with clear water to remove all traces of the solution and wipe dry to prevent water marks from forming. Stains which resist that treatment can usually be removed by polishing in the direction of the grain with a soft cloth and a non-abrasive stainless steel polish. Test in an unobtrusive location.

Optional Installation Glue:

Noise Proofing Sealant (STC-GG-C) 28oz tube. (1) 28 oz. tube will cover 13 In. ft. of wall cutout.

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