nystrom®

Installation, Operation + Maintenance Manual

ACOUSTICAL ACCESS DOOR

Model: AC



GENERAL DESCRIPTION

An access panel is usually the weakest point in an acoustically rated wall. The AC is built so it isn't: a 20 gauge steel door over 2-3/8 inches of acoustical insulation, sealed by a full-perimeter neoprene gasket that a keyed compression latch pulls tight. Independently tested and rated STC 64 and OITC 51 when installed according to manufacturer's instruction.

Introduction + Safety

GENERAL SAFETY PRECAUTIONS Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through their own analysis, to select products suitable to the specific application requirements, ensure proper maintenance and use as intended. Follow local, state, and federal regulations for proper installation and operation requirements.

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the product, the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

Preparation

- Locate the packing slip(s) and/or shop drawings.
- Verify that all products listed on the packing slip are included in the package.
- Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage you waive your right to a freight claim and will be responsible for their replacement cost.
- Read the instructions thoroughly before beginning installation.

Tool List

- GREEN GLUE caulking (mfd by St. Gobain), or similar
- Drill bit
- #10 drywall screws

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Preinstallation

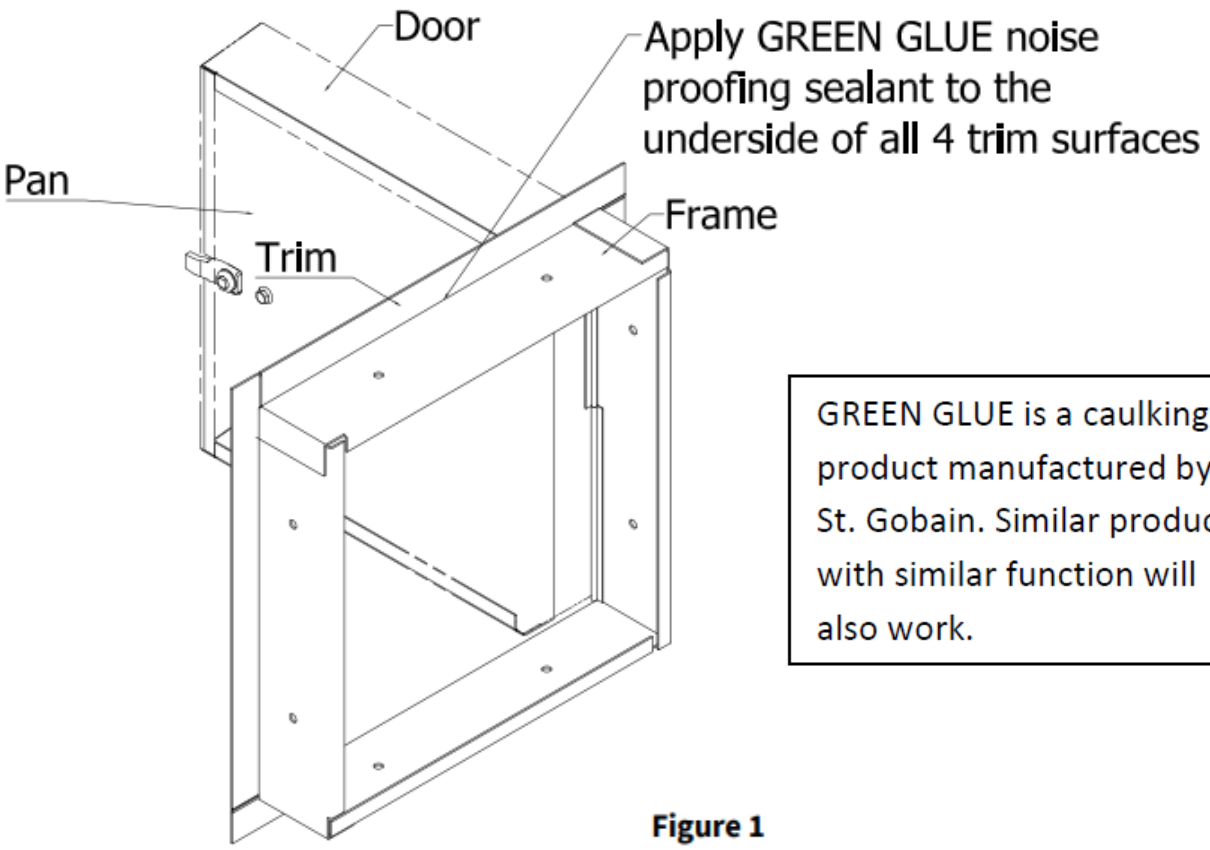


Figure 1

INSTALLATION

1. Frame an opening at location of installation. Opening dimensions should be 3/8" larger than catalog size of the door; i.e., for a 12" x 12" door, opening should be 12 3/8" x 12 3/8".
2. Place door in position in opening and mark locations on studding using holes in frame of door as marking guides.
3. Remove door and drill pilot holes through substrate at points marked.
4. Before placing the AC door into the wall cutout, apply GREEN GLUE noise proofing sealant to the underside of all 4 trim surfaces. See **Figure 1** for reference.
5. Place door in position and press the door trim tightly towards the wall. Attach with #10 drywall screws.
6. Check door panel for freedom of movement. If it binds, shim to remove any racking.
7. Apply the GREEN GLUE noise proofing sealant to seal the gap between frame and the wall. See **Figure 2** for reference.

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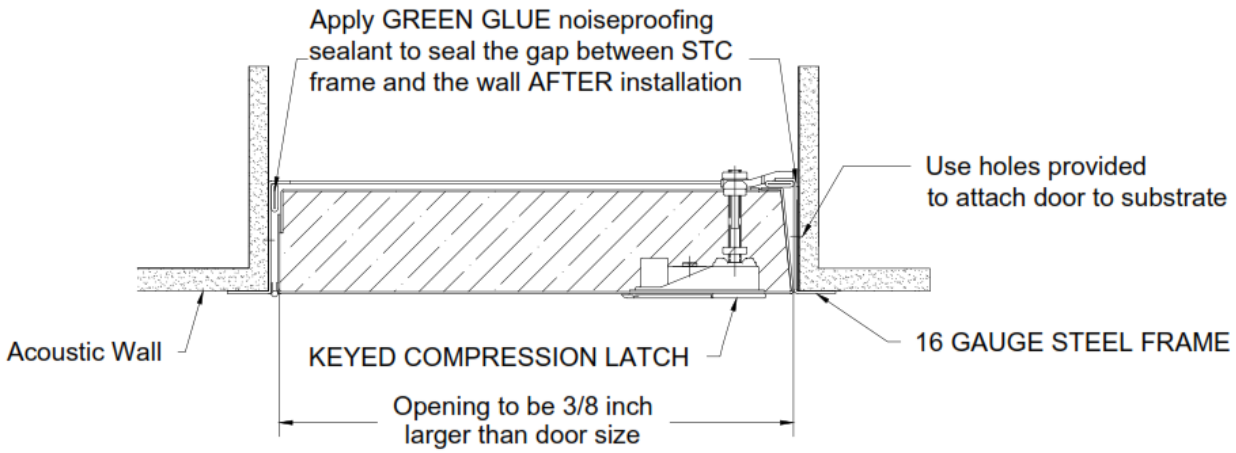


Figure 2

OPERATION

Access doors are designed and built for years of dependable wall and ceiling access.
The AC access door comes standard with an enamel prime coat.
The basic components for door operation include latching and locking mechanism and hinges.

MAINTENANCE

- Access doors should be manually operated once a year to check performance.
- Lubricate moving parts such as hinges and latches with a silicone spray lube as required to maintain a smooth opening and closing of the door. Do not over grease. Do not use regular lubricating oil as it can attract dust and grit.
- Non-moving parts can be cleaned with a mild soap or dishwashing detergent and water solution.
- Gaskets can be cleaned with a clean, damp, lint-free cloth. Do not apply mineral oils, vinyl dressings, or other lubricants to the gasket as they can cause the gasket to break down over time.

QUESTIONS?

For more information on installation, repair or replacement, please contact Customer & Sales Support at 800-547-2635 or visit nystrom.com

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