

Instruction and Datasheet

Silenseal Acoustical Caulk



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Silenseal Acoustical Caulk is a one-part nonflammable product designed specially for the reduction of sound transmission in all types of wall partition systems. Its primary function is to achieve and maintain the specific Sound Transmission Class (STC) value of the system designed. Use to seal edges and seams of drywall and subfloor to prevent loss of sound isolation caused by leaks.

SPECIFICATIONS

Appearance	Brown Creamy Paste
Solids.....	67-70% by weight
Viscosity	980,000 cps +/- 10% # spindle 1rpm
PH.....	7 -7.5
Flammability	Non-Flammable
VOC Content	<5 gr/liter (calculated)
Cure Time	2-7 days
Application temperature	40°F min
Storage.....	40 to 100 deg F
Clean Up.....	Soap and Water
Shelf Life	1 year

COVERAGE

29 oz. Tube

3/8" bead	40 linear ft.
1/4" bead	89 linear ft.

Soundproofing Made Simple®

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Instruction and Safety Manual

FEATURES:

- Non-flammable formulation
- Easy application / soap and water cleanup
- Non-staining and non-migrating
- No VOC / Non Toxic
- Freeze thaw stable
- High degree of adhesive and cohesive strength
- Adheres to wood, concrete, glass, gypsum, metal and plastic
- Will not harden, crack or separate
- More flexible than any other water based sealant



APPLICATION PROCEDURES:

1. All surfaces must be clean, dry and free of dirt, dust, oil, moisture and other foreign substances which could interfere with the bond of the caulk.
2. Cut spout on tube to desired bead size (3/8" round bead recommended) and puncture seal inside spout.
3. Silenseal Acoustical Caulk should be applied as specified in the sound-rated system being installed (either wood or metal studs).
 - A. Bottom Runners: Apply a continuous 3/8" round bead of sealant at each side of the runners before setting gypsum board. Gypsum board shall be set into sealant to form complete contact with adjacent materials. Repeat procedure for double layer applications.
 - B. Top Runners: Apply sealant at top of gypsum board into the joint to provide full contact between the board and the structure above.
 - C. Cut-Outs and Perimeter Joints: Backs of electrical boxes, pipes, duct systems and other types of utility equipment penetrating wall surfaces shall be buttered with sealant. All joints at perimeter edges including abutting surfaces and corner joints formed by components shall be sealed with sealant.
4. Maximum joint sizes should not exceed 5/8" x 1/2"
5. Clean tools and excess sealant immediately after application with soap and water.
6. If necessary, sealant can be painted as applicable to meet project requirements after 24 hours