

SHEETROCK® Brand Acoustical Sealant



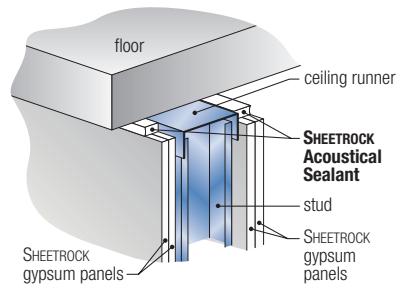
Makes promised ratings a reality

- Excellent sound-flanking material (supports high STC ratings)
- Superior performance as a fire caulk in UL-classified joint systems
- Ideal for use in smoke and/or sound assemblies
- Meets ASTM C834 specifications for latex sealants
- Grade -18°C (0°F) low temperature flexibility, strong bond
- Low VOC

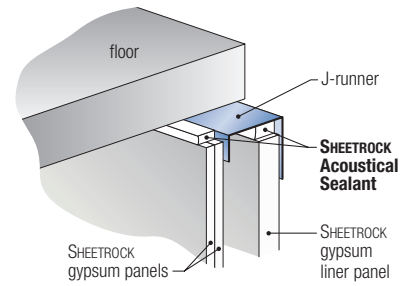
Description

USG SHEETROCK® Brand Acoustical Sealant is an acrylic, latex-based sound caulk for use as a joint sealant in fire-rated partitions, smoke barriers and sound-rated assemblies.

HW-D-0262 – Conventional Wall



HW-D-0603 – Shaft Wall



UL Systems	Joint Systems	Conventional Wall – BW-S-0013, BW-S-0016, BW-S-0022, BW-S-0026, HW-D-0001, HW-D-0002, HW-D-0262, HW-D-0372, HW-D-0372, HW-D-0504, HW-D-05406, HW-D-0513, HW-D-0518, HW-D-0525, HW-D-0577, HW-D-0584, HW-D-0603, HW-D-0609, HW-D-0610, HW-D-0611, HW-D-0612, HW-D-0613, HW-D-0626, HW-D-0627, HW-D-0628, HW-S-0009, HW-S-0010, HW-D-0032, HW-S-0035, HW-S-0089, HW-S-0094, HW-S-0096, HW-S-0097, HW-S-0098, HW-S-0099, HW-S-0100, HW-S-0101, WW-S-0058, WW-S-0062
		Shaft Wall – HW-D-0603, HW-D-0609, HW-D-0610, HW-D-0611, HW-D-0612, HW-D-0613, BW-S-0016
	Through-Penetration Firestop Systems	C-AJ-1020 and W-L-1064

Advantages

- Versatile** Easily applied on vertical and horizontal surfaces without sagging, even overhead.
- Sound-tested** As an integral component to maintain high STC/MTC ratings in partitions.
- Surface burning characteristics** Classified by UL with a flame spread of 0 and a smoke developed of 0.
- For use in fire-resistant, sound and smoke partitions** Acceptable for use at the perimeter of most wood- and steel-stud wall assemblies.
- Remains flexible** Dries tough but stays resilient to “give” with movement.
- High adhesion** Bonds tenaciously to a variety of surfaces.
- Attractive appearance** Product is non-staining.
- Easy to dispense** Good working properties ensure fast, efficient application with hand-gun equipment.
- Excellent physical properties** Won’t sag on vertical surfaces; good open time; long shelf life.
- Easy cleanup** Latex-based for cleanup with soap and water before drying.
- Classified by UL** as a material for use as a Fill, Void, or Cavity in fire-resistant joint, and through-penetration firestop systems.

Limitations

1. Not to be applied to moist areas where frost or condensation is present or in direct contact with water.
2. Protect container from freezing and extreme heat.
3. Maintain 55°F (13°C) minimum temperature within the building during and after installation.
4. Product should be stored at a temperature neither below 41°F (5°C) nor exceeding 80°F (26.7°C).
5. Not to be used in applications where the surrounding materials (partitions, floors, penetrations, etc.) will exceed sustained temperatures of 125°F.
6. Not for use around CPVC or PVC pipes; consult with pipe manufacturers for compatibility.
7. Not intended to be painted.
8. Do not apply USG SHEETROCK Brand Acoustical Sealant in areas where abuse or abrasion of the sealant is likely.
9. There may be discoloration of sealant when in contact with certain types of metal such as copper.

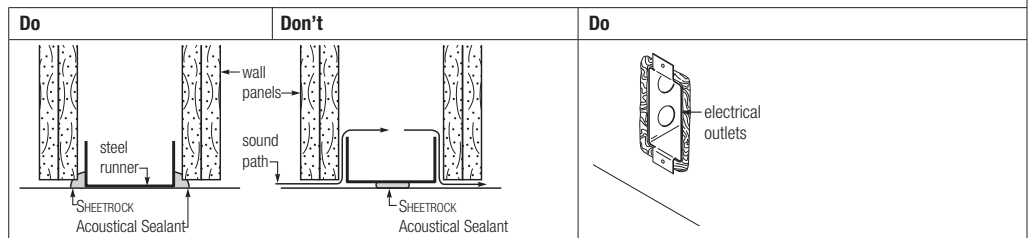
Directions **Preparation** Before handling, read material safety data sheet and product label for safe usage and health information. Installation of SHEETROCK® Brand Acoustical Sealant should not begin until building is enclosed and building temperatures are maintained at 55°F (13°C) minimum. Provide adequate ventilation to carry off excess moisture to insure adequate drying. The performance and adhesion of sealants will be only as good as the surface of which it is applied. Surfaces of the opening and any penetration items to be caulked must be clean, dry, free of dust, debris, and moisture to insure proper adhesion.

Application SHEETROCK Brand Acoustical Sealant shall be applied in accordance with ASTM C919 using conventional caulking equipment. In joint and firestop systems apply the SHEETROCK Brand Acoustical Sealant to minimum thickness specified in the individual fire-rated system.

In shaftwall applications, the maximum separation between bottom of floor and top of liner panel is 1". Max separation between bottom of floor and top of gypsum board sheets at time of installation of joint system is 5/8". The joint system is designed to accommodate a maximum 25 percent compression or extension from its installed width on the finished side of the wall.

For all other joints, the sealant application should be specified by a design professional who should give consideration to using a backer rod or bond tape where the gap exceeds 5/8". In joints too shallow to take backer rod, use a bond breaker tape to prevent three-sided adhesion.

In acoustical applications, apply 1/4" min. bead of sealant to seal perimeter of partition. Apply continuous bead of SHEETROCK Brand Acoustical Sealant around all openings and partition intersections. In penetration applications which are not covered in an individual fire rated system, the thickness of the sealant applied within the opening should be no less than 1/4" and no greater than 5/8" flush with the top surface of the floor or sides of the wall. (Except above the liner panels in shaftwall applications.)



Product Data

Testing and classification: Meets ASTM C834 Standard Specification for Latex-Based Sealing compounds tested in accordance with ASTM C731, ASTM C732, ASTM C733, ASTM C734, ASTM C736, ASTM D217, ASTM D2202, ASTM D2203, and ASTM D2377. Also tested in accordance with ASTM E84 (surface burning characteristics), ASTM E90 (sound tests) and ASTM E1966 (fire resistant joint systems). ASTM E814 (Through firestop penetrations).

Surface burning characteristics: 0/0 (flame spread/smoke developed)

Color: Off-white

Solids: 73% ± 3%

Weight: 12.0–12.8 lb./gal. (in container)

pH: 8.5–9.25

VOC: <15 g/l

Shelf life: 1 year (in original, unopened container) under good storage practices. NOTE: see #4 under Limitations

Coverage (approximate): 85 linear ft. of 1/4" bead/29 oz. ctdg.; 37 linear ft. of 3/8" bead/29 oz. ctdg.; 22 linear ft. of 1/2" bead/29 oz. ctdg.; 11 linear ft. of 5/8" bead/29 oz. ctdg.

Packaging: 29 oz. (850 ml) cartridge; 5 gal. (18.9 L) pail

Good Design Practices

1 Inspections Periodic inspection of rated barriers is recommended to make sure that any new openings, modifications of previously installed seals, or areas exhibiting physical damage have been properly sealed or repaired.

2 Sound Tests Sound tests are conducted under laboratory conditions per ASTM procedures. Comparable field performance depends upon careful attention to details and workmanship. SHEETROCK Brand Acoustical Sealant should be used to seal all assemblies used for sound control and all assembly cutouts, such as those for electrical boxes. Back-to-back penetrations of the diaphragm, flanking paths, door and borrowed-light openings should be avoided.

3 Metal Door and Borrowed-Light Frames Apply a continuous bead of SHEETROCK Brand Acoustical Sealant inside door frame throat just before inserting facing panel into frame. Do not terminate gypsum panel against trim return.

4 Additional Information See publications in USG Architectural Reference Library; SA100, *Construction Selector*; SA927, *Gypsum Panels and Accessories* (for information on system components); SA727, *USG Fire Stop Systems*; SA926, *USG Shaft Wall Systems Catalog*; and usgdesignstudio.com/sealant-fire-tests.asp

Submittal Approvals:	Job Name		
	Contractor	Date	

WARNING!
 Avoid exposure to fumes. Inhalation of vapor may cause headache, nausea, or irritation of nose, throat, and lungs. Use in a well-ventilated area. Wear a NIOSH/MSHA-approved respirator in poorly ventilated areas. Avoid contact with eyes and skin. Wear safety glasses or goggles for eye protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes. If irritation persists, consult physician. Prolonged or

repeated contact with skin can cause irritation. Wear waterproof gloves and protective work clothing for skin protection. If skin contact occurs, wash thoroughly with soap and water. If irritation persists, consult physician. Do not ingest. If ingested, consult physician immediately. Product safety information: **800 507.8899** or **usg.com**. **KEEP OUT OF REACH OF CHILDREN.**

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Safety First!
 Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.



Manufactured by
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J678/rev. 3-13
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