

SHEETROCK® Brand Acoustical Sealant



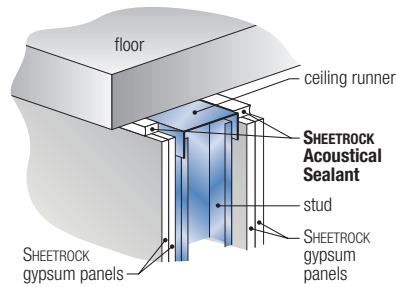
Makes promised ratings a reality

- 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

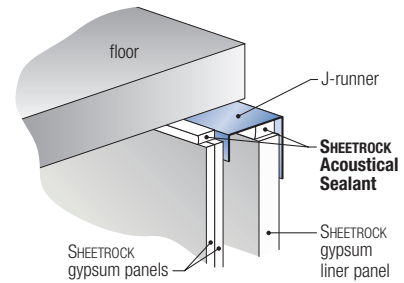
Description

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 – HW-D-0001, HW-D-0002, HW-D-0262, HW-D-0626, HW-D-0627, HW-D-0628, HW-S-0009, HW-S-0010, HW-S-0032, HW-S-0035, HW-S-0089, HW-S-0096, HW-S-0097, HW-S-0098, BW-S-0013
Shaft Wall – HW-D-0603, HW-D-0609, HW-D-0610, HW-D-0611, HW-D-0612, HW-D-0613, BW-S-0016

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.
- Permanently 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 in fire-resistant joint systems.

Limitations

1. Not to be applied to moist areas or areas continuously immersed in 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.

Directions Preparation

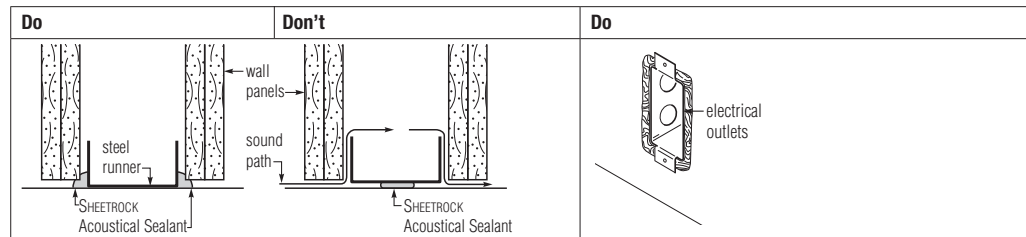
Installation of SHEETROCK Acoustical Sealant should not begin until building is enclosed and building temperatures are maintained at 55 °F (13 °C) minimum. Provide adequate ventilation to carry off excess moisture. Surface to be caulked must be clean, dry and free of dust.

Application

SHEETROCK Acoustical Sealant shall be applied in accordance with ASTM C919 using conventional caulking equipment.

In joint and firestop systems apply the SHEETROCK Acoustical Sealant to minimum thickness specified in the individual fire-rated system.

In acoustical applications, apply 1/4" min. bead of sealant to seal perimeter of partition. Apply continuous bead of SHEETROCK Acoustical Sealant around all openings and partition intersections.



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).

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

Color: Off-white

Solids: 73% ± 3%

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

Viscosity: 250,000–400,000 cps

pH: 8.5–9.25

VOC: <15 g/l

Shelf life: 1 year (in original, unopened container)

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 1 Sound Tests Practices

Sound tests are conducted under laboratory conditions per ASTM procedures. Comparable field performance depends upon careful attention to details and workmanship. SHEETROCK 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.

2 Metal Door and Borrowed-Light Frames

Apply a continuous bead of SHEETROCK Acoustical Sealant inside door frame throat just before inserting facing panel into frame. Do not terminate gypsum panel against trim return.

3 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.**

Trademarks

The following trademarks used herein are owned by United States Gypsum Company or a related company: SHEETROCK, USG, USG in stylized letters and the red and maroon design elements on the pail and cartridge.

Note

Products described here may not be available in all geographic markets. Consult your U.S. Gypsum Company sales office or representative for information.

Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

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
United States Gypsum Company
550 West Adams Street
Chicago, IL 60661

800 USG.4YOU (874-4968)
usg.com

J678/rev. 4-12
© 2012 United States Gypsum Company
Printed in U.S.A.