



Trademark
SOUNDPROOFING

TMS ACOUSTICAL CAULK

Specification Data Sheet

Product Name

Trademark Soundproofing Acoustical Caulk
Sound, Draft and Smoke Sealant

Product Description

TMS Acoustical Caulk is a high quality latex based sealant designed to maintain and achieve required Sound Transmission Class (STC) ratings as per IBC 1207.2 for air-borne sound.

Applications

This caulk also prevents the passage of smoke and toxic gases through walls or floors as required in smoke partitions, per IBC 710.6 and 710.7 for joints and penetration.

Advantages

- Top and bottom runners prior to drywall installation
- Outer edge perimeter joints of drywall
- Cut-outs and utility penetrations
- Bottom of wall, wall to wall, and head of wall joints in smoke partitions
- Penetration for metallic, insulated metallic and non-metallic pipe, ducts, conduit, cables and wires in non-fire rated smoke partitions and acoustical assemblies.
- High adhesion, smooth consistency, permanently flexible
- Minimal shrinkage, tough long lasting bond

Limitations

- Not for use in Fire-Rated Floor or Wall assemblies

Technical Data

Typical Uncured Properties
Chemistry: Acrylic Polymer
Tooling Time: 10 - 15 minutes
Full Cure Time: 3 - 7 days
Application Temperature: 40°F - 120°F
VOC: 23.3 g/l
Shelf Life: 2 years





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Typical Cured Properties
Freeze / Thaw Capabilities: Excellent - 5 Cycles
Sound Transmission Classification ASTM E90: Tested in 52 STC Wall
Movement Capabilities: Remains flexible
ASTM C834: Tested to ASTM C834 Type OP Grade 0°C
Artificial Weathering @ 500 hrs (ASTM C732)
Artificial Weathering @ 500 hrs (ASTM C732)
Color: White
Wash-Out: None
Slump: None
Cracking: None
Discoloration: None
Adhesion Loss: 0%
Volume Shrinkage ASTM C1241: 15.4%
Surface Burning Characteristics ASTM E84: Flame Spread: 20, Smoke Development: 5
Mold and Mildew Resistant ASTM G21: 28 Days

Applicable Standards and Specifications

SPECIFIED DIVISIONS:

DIV. 7 - 07 90 00 - Joint Protection
DIV. 9 - 09 20 00 - Plaster and Gypsum Board
DIV. 22 - 22 00 00 - Plumbing
DIV. 26 - 26 00 00 - Electrical

International Building Codes Sections:

1207.2, 710.6, 710.7, 404.4.1

Low VOC Standards:

V.O.C. Contents: 23.3 g/l
Tested to CDPH SM / CA Section 01350 Emissions for LEED v4 Compliance
NAHB Green Guidelines: 5 G.I. Points
Complies To: SCAQMD Rule #1168
OTC-Ozone Trans. Comm.
CARB
BAAQMD
LEED v4

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Installation - Surface Preparation

Clean surfaces of any debris or material that may prevent or deter adhesion, such as, but not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.

Installation - Application

1. Prep area by clearing debris, cleaning and drying desired area.
2. Cut nozzle - recommended bead size is $\frac{3}{8}$ "
3. Apply sealant on the underside of all runners at the ceiling and floor prior to installation of drywall, the outer edge perimeter joints cut-outs, and utility penetrations to ensure the required STC is achieved or maintained.
4. May be tooled using finger, putty knife, spatula, or other means. Use water or wet cloth to clean tool and excess sealant.

SEE APPLICATION DIAGRAMS - PAGE 4

Cleanup

A dry cloth or paper towels can be used to clean tools and nonporous surfaces while caulk is still in the uncured state. Excessive amounts may require the use of solvent such as acetone or mineral spirits. Once the sealant is cured, excess must be cut or scraped away.

Maintenance

Inspect sealant joint at a minimum or every five years. If sealant or bond of sealant is damaged, completely remove or cut away sealant in damaged area, clean surface and reapply sealant.

Warranty

Trademark Soundproofing (TMS) warrants this products performance provided it is properly stored and applied within 2 years. If when applied as directed this material proves to be defective, return remaining product and proof of purchase for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects of product failure. The determination of eligibility for this warranty shall be made at the sole discretion of TMS and any decision made shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no instance will TMS be liable for damages in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. User must read and follow the directions of the current Technical Data Guide and SDS prior to product use. User determines suitability of product intended for use and assumes all risks. Recommendations for the use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where product is used under conditions not in strict accordance with our published recommendations and in applications considered suitable for this product. TMS shall not be responsible for the use of this product in a manner to infringe upon any patent or any other intellectual property rights held by others.



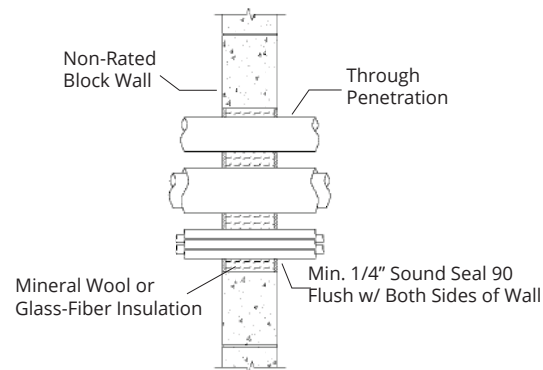
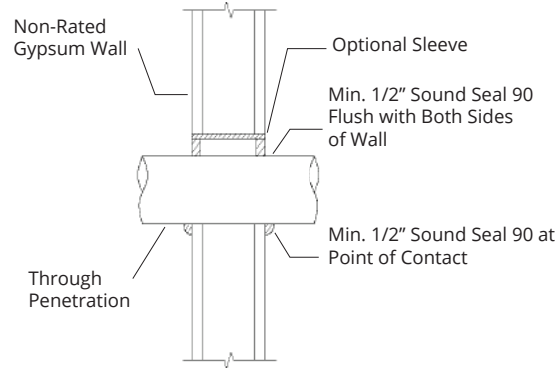
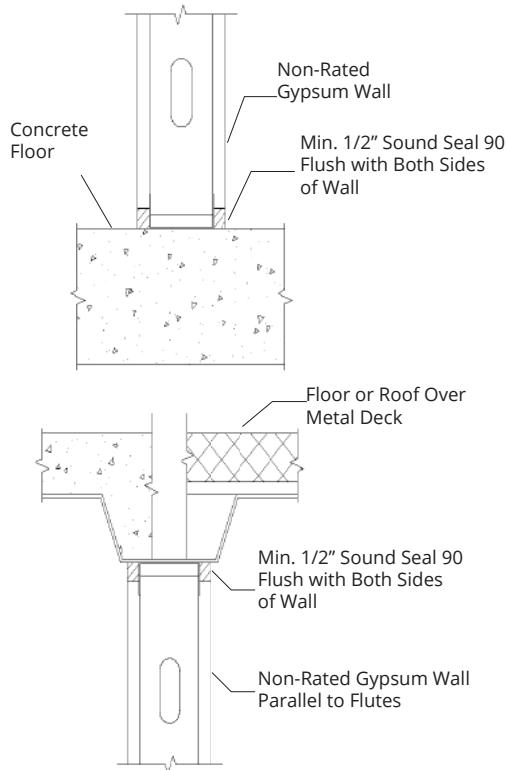


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DRAWINGS FOR NON FIRE-RATED SMOKE PARTITIONS TWO-SIDED APPLICATIONS



ONE-SIDED APPLICATIONS

