

SOUND SEAL 90

DRAFT / SMOKE / ACOUSTICAL SOUND SEALANT

PRODUCT NAME

Sound Seal 90

MANUFACTURER

Everkem Diversified Products
5180 Indiana Avenue, Winston Salem, NC 27106
PH: 1-800-638-3160 | FAX: (336) 661-7969

PRODUCT DESCRIPTION

Sound Seal 90 is a high quality latex-based sealing compound used as an essential component in construction assemblies for achieving and maintaining the required Sound Transmission Class (STC) rating as per the International Building Code (IBC) 1207.2 for airborne sound.

Sound Seal 90 prevents the passage of smoke and toxic gases through **non-fire rated** penetrations and joints in smoke barrier partitions as required by IBC Section 710.6 and 710.7

APPLICATIONS

- Top and bottom runners prior to application of drywall
- 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
- Penetrations for metallic, insulated metallic and non-metallic pipe, ducts, conduit, cables and wires in non-fire rated smoke partitions and acoustical assemblies.

ADVANTAGES

Advantage: Available in a variety of packaging options.
Advantage: High adhesion, smooth consistency, permanently flexible
Advantage: Minimal shrinkage, tough long lasting bond

LIMITATIONS

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

AVAILABLE COLORS

Sound Seal 90 is available in White

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES	
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
Typical Cured Properties	
Freeze/Thaw Capabilities:	Excellent - 5 Cycles
Sound Transmission Classification ASTM E90:	Tested in a 52 STC Wall at NGC Testing Svcs.
Movement Capabilities:	Remains flexible

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TECHNICAL DATA [CONT]

TYPICAL PHYSICAL PROPERTIES

ASTM C834: Tested to ASTM C834 Type OP Grade 0°C
Artificial Weathering @ 500 hrs (ASTM C732)
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 & 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 Code Sections:
1207.2, 710.6, 710.7, 402.4.1

EcoSeal Standards:

V.O.C. Content: 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

INSTALLATION

SURFACE PREPARATION

Surfaces should be clean of any debris or material that may prevent or deter adhesion. Such debris include, but not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.

APPLICATION

1. Clean debris and dry desired area. 2. Cut nozzle to allow recommended 3/8" bead. 3. Apply sealant on the underside of all runners at the ceiling and floor prior to the 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.

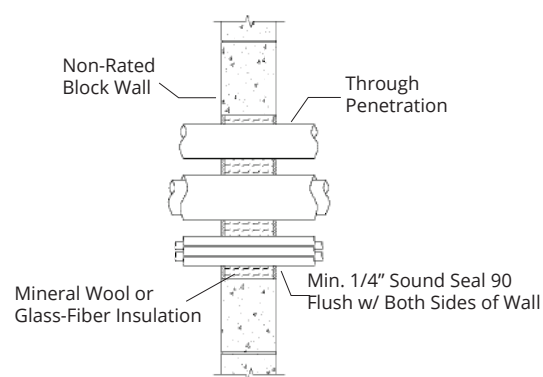
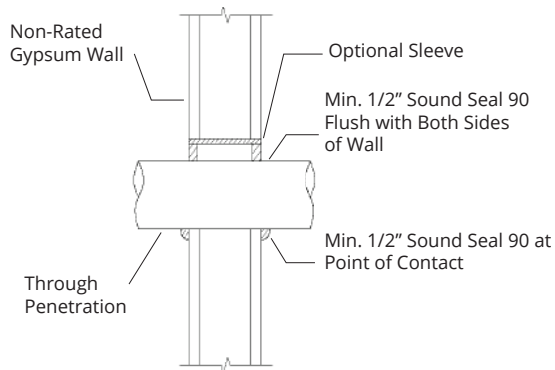
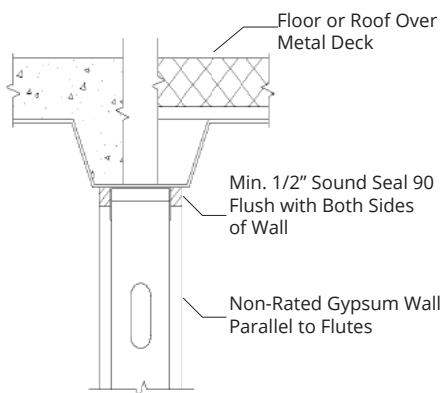
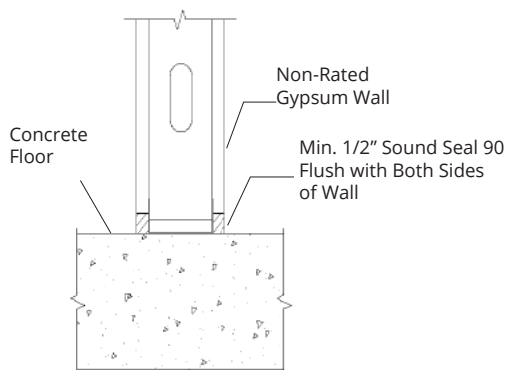
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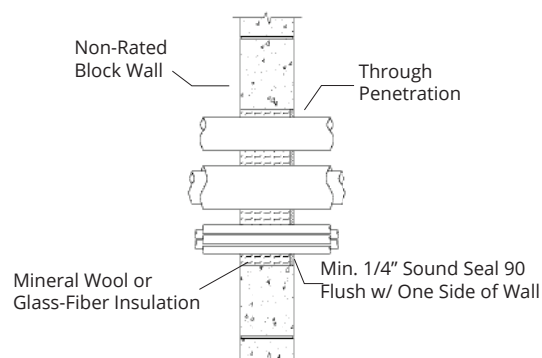
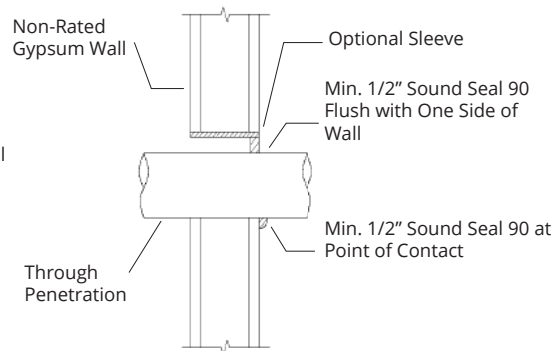
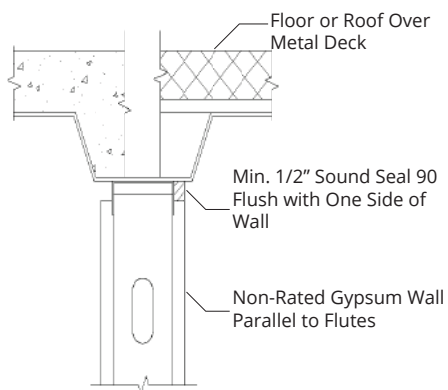
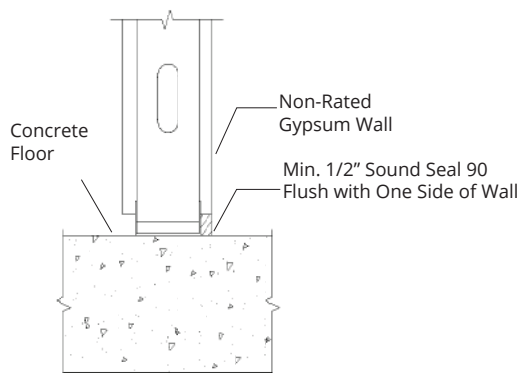
APPLICATION [CONT]

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

SEE APPENDIX A FOR ADDITIONAL DRAWINGS



ONE-SIDED APPLICATIONS



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CLEANUP

Excess caulk should be cleaned off tools and nonporous surfaces while it is in the uncured state using a dry cloth or paper towels. Excessive amounts may require the use of a solvent such as acetone or mineral spirits. After curing, excess sealant must be cut or scraped away.

AVAILABILITY

Sound Seal 90 and other Everkem products are available from stocking distributors nationwide, or direct from manufacturer. For the name and telephone number of nearest Everkem representative, call the number at the end of this document or visit www.everkemproducts.com

PACKAGING OPTIONS

PACKAGING OPTIONS			
Part #	Description	Packaging	Color
SS90-20	Draft, Smoke, & Acoustical Sound Sealant - GUN GRADE	20 Fl. Oz. Sausage Tube	White
SS90-28FT	Draft, Smoke, & Acoustical Sound Sealant - GUN GRADE	28 Fl. Oz. Fiber Cartridge	White
SS90-28	Draft, Smoke, & Acoustical Sound Sealant - GUN GRADE	28 Fl. Oz. Plastic Cartridge	White
SS90-5	Draft, Smoke, & Acoustical Sound Sealant - GUN GRADE	5 Gallon Pail	White
SS90-5SG	Draft, Smoke, & Acoustical Sound Sealant - SPRAY GRADE	5 Gallon Pail	White

MAINTENANCE

Inspect sealant joint at a minimum of 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.

TECHNICAL SERVICES

Everkem representatives are available to assist you in selecting the sealant or adhesive appropriate for your application. For further assistance contact your local Everkem Diversified Products representative, call our corporate office at 1-800-638-3160, or contact us via our website at www.everkemproducts.com

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WARRANTY

Everkem Diversified Products 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 Everkem Diversified Products 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 Everkem Diversified Products 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. Everkem Diversified Products 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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