

# BOSS® 824 Acoustical Sound Sealant

### TYPICAL PROPERTIES

Color .....	White
% Non-Volatile, by weight .....	82%
% Volume Shrinkage: ASTM C-733-87 .....	28%
Weight per gallon, approximate .....	13.5 lb./gal.
pH .....	8.0
Tack-Free Time: ASTM D-2377-84 .....	<25 minutes
Weather Resistance: ASTM C-732-82 .....	No washout, discoloration, loss of adhesion or cracking after 500 hours of weathering
Low Temperature Flexibility: ASTM C-734-82 .....	..... No cracking through to substrate or adhesion loss
Extrudability after package aging (freeze-thaw stability): ASTM C-731-187 .....	16.1 grams/second
Volatile Organic Content (VOC minus water) .....	50 grams/liter

\*Information on this data sheet is subject to change without notice and should not be used for writing specifications.  
For additional information on specific applications, contact Accumetric, LLC

### FEATURES

- UL Classified - R9732; UL 723
- Non-flammable
- Strongly adheres to most substrates
- Won't harden, stain or migrate
- Quick and easy application
- Soap and water clean-up



### DESCRIPTION

**BOSS® 824**, UL Classified R9732; UL 723 Acoustical Sound Sealant is an effective one-part, non-flammable, latex based product formulated to reduce sound transmission in all types of wall partition systems. By design, **BOSS 824** creates and maintains Sound Transmission Class (STC) in applications where it is required yet remains permanently flexible.

This specialized non-hardening, non-staining, non-migrating formula adheres well to most substrates including wood, metal, concrete and gypsum board. In both exposed and unexposed applications, **BOSS® 824** Acoustical Sound Sealant creates a tough, elastic seal against sound, air infiltration (drafts) and moisture.

## APPLICATIONS

Developed for commercial construction where light-weight cavity walls and floors are utilized, **BOSS® 824** Acoustical Sound Sealant is used where sound rated assembly is required. Examples include unexposed perimeter joints, wood or metal floor and ceiling runners, cut-outs in gypsum board and veneer plaster systems.

**BOSS® 824** can also enhance acoustical performance around electrical boxes and outlets, HVAC ducts and returns and wall penetrations made by utility equipment. **BOSS® 824** effectively seals out drafts and moisture around base and sill plates.

Whether it is in office buildings, hospitals, apartment complexes, hotels, sound studios, schools or individual residences, **BOSS® 824** Acoustical Sound Sealant can be used effectively wherever sound ratings are required.

## HOW TO USE

All surfaces must be clean, dry and free of any foreign substances that might interfere with adhesion. This includes dust, dirt, oil, moisture etc. Trim cartridge nozzle to desired bead size and puncture inner seal. Recommended bead size is 3/8".

Apply sealant in the sound rated system being installed (wood or metal studs).

- 1. Bottom Runners:** Run continuous 3/8" bead on each side of runners before setting gypsum board. Set gypsum board into sealant to form complete contact/seal with adjacent materials. Repeat for double layer applications.
- 2. Top Runners:** Apply **BOSS® 824** Acoustical Sound Sealant at the top of the gypsum board into the joint to provide full contact between the board and structure above.
- 3. Perimeter Joints and Cut-Outs:** Butter pipes, the backs of electrical boxes, duct systems, utility equipment penetrating wall systems with **BOSS® 824**. All perimeter edge joints should be sealed with sealant including all joints at abutting surfaces and corner joints formed by components. Joints should not exceed 5/8" X 1/2" maximum.

## LIMITATIONS

Do not use below freezing temperatures.

## SPECIFICATIONS

**BOSS® 824** Acoustical Sound Sealant meets or exceeds the following specifications: ASTM C 919-79, ASTM E 84-76, ASTM E 90-85 and UL Classified R9732; UL 723.

## CLEAN UP

Excess sealant should be cleaned off tools and non-porous surfaces while it is in the uncured state, using a wet cloth. Cured compounds should be cut away.

## PAINTABILITY

A minimum of 2 hours dry time is required before painting with a latex or oil based paint. Allow extra dry time during periods of high humidity and/or cool temperatures.

## STORAGE AND SHELF LIFE

When stored in original unopened container at or below 90°F (32°C), and above freezing, **BOSS® 824** Acoustical Sound Sealant has a shelf life of 12 months from date of shipment. Containers should always be kept sealed when not in use.

## PACKAGING

**BOSS® 824** Acoustical Sound Sealant is available in 29 Fl. Oz. cartridges and 5 gallon pails.

## SHIPPING LIMITATIONS

None.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

# BOSS® PRODUCTS

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