

## BOSS<sup>®</sup> 826 Acoustical Acrylic Sound Sealant

### TYPICAL PROPERTIES

Color .....	White
% Non-Volatile by weight .....	83%
% Volume Shrinkage: ASTM C-733-87 .....	28%
Weight, approximate .....	14.2 lb./gal.
pH .....	6.9-8.8
Tack-Free Time: ASTM D-2377-84 .....	<25 minutes
VOC .....	8.6 g/L
Service Temperature .....	-20°F to 185°F
Application Temperature .....	40°F to 110°F

\*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 Soudal.



### DESCRIPTION

**BOSS<sup>®</sup> 826** Acoustical Acrylic Sound Sealant is a one-part, non-flammable, latex based product formulated to reduce sound and smoke transmission in all types of wall partition systems. **BOSS<sup>®</sup> 826** will achieve a Sound Transmission Class (STC) of 53 when applying it in accordance with ASTM C-919 “Standard Practice for use of Sealants in Acoustical Applications”. To achieve the 53 STC, **BOSS<sup>®</sup> 826** should be applied as two beads of sealant at the top, bottom and all perimeter edges.

**BOSS<sup>®</sup> 826** is a non-staining, non-migrating formulation that adheres well to most substrates including wood, metal, concrete and gypsum board. **BOSS<sup>®</sup> 826** Acoustical Acrylic Sound Sealant creates a tough, elastic seal against sound, air infiltration (drafts), smoke and moisture.

### FEATURES

- **Meets STC requirements**
- **Non-flammable**
- **Strongly adheres to most substrates**
- **Won't stain or migrate**
- **Low odor**
- **Quick and easy application**
- **Soap and water clean-up**

## SPECIFICATIONS

**BOSS® 826** meets or exceeds the following specifications: ASTM C 919-79, ASTM E 84-76 (UL 723), (flame spread-5, smoke developed-5), ASTM E 90-85.

## APPLICATIONS

**BOSS® 826** Acoustical Acrylic Sound Sealant was developed for commercial construction where light-weight cavity walls and floors are utilized and 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® 826** can also enhance acoustical performance around electrical boxes and outlets, HVAC ducts and returns and wall penetrations made by utility equipment. **BOSS® 826** effectively seals out drafts and moisture around base and sill plates.

## 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® 826** Acoustical Acrylic 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:** Apply to pipes, the backs of electrical boxes, duct systems, utility equipment penetrating wall systems with **BOSS® 826**. 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.

## CLEAN UP

Uncured sealant can be easily removed using water or **BOSS®** Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

## PACKAGING

**BOSS® 826** Acoustical Acrylic Sound Sealant is available in quart cartridges and 4.5 gallon pails.

## SHIPPING LIMITATIONS

None.

Reactive VOC 8.6 g/l (<1.5% wt)

## LIMITATIONS

Do not use below freezing temperatures. A minimum of 2 hours dry time is required before painting with a latex or oil base paint. Allow extra dry time during periods of high humidity and/or cool temperatures.

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 826** Acoustical Acrylic Sound Sealant has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building. **KEEP FROM FREEZING.**

## 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.

**Non-warranty:** Because the storage, handling and application of the material is beyond Soudal's control, we can accept no liability for the results obtained. Soudal's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Soudal will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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

MADE IN U.S.A.

## **BOSS®** PRODUCTS

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