# Acoustical/Curtainwall Sealant

One-Part, Non-Skinning, Sound Damping Sealant

## Product Description

Tremco® Acoustical/Curtainwall Sealant is a single component, non-skinning, non-hardening synthetic rubber sealant.

## Basic Uses

Tremco Acoustical/Curtainwall Sealant was developed for acoustical sealing of drywall partitions, curtainwalls, corridors and party walls. This sealant also is used as a lap joint and perimeter sealant for polyethylene vapor barriers over fiberglass batt or other insulations and may be used in contact with polystyrene.

## Features and Benefits

The application of Tremco Acoustical/Curtainwall Sealant greatly increases the Sound Transmission Class (STC value) of a system and reduces the decibel level when one or more beads are applied to a joint. See edge details.

## Availability

Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

## Coverage Rates

27 linear feet of joint per quart cartridge for 1/4" x 1/4" joints. For specific coverage rates that include joint size and usage efficiencies, visit our website usage calculator at www.tremcosealants.com.

## Packaging

10.1-oz (300-mL), 1-qt (850-mL) cartridges,

and 5-gal (19-L) pails

## Colors

Dark Gray

## Limitations

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.

## Substrate Preparation

For good adhesion, the joint interface must be sound, clean and dry. Any surface damage, dirt, dust, loose particles or other contaminants which may inhibit adhesion shall be removed from the surfaces prior to the application of the sealant.

## Applicable Standards

- Conforms to Canadian CAN/CGSB 19.21 M87.

## Priming

Priming is not required.

## Application

Sealant is used in the design and construction of drywall partitions between individual residential units and along corridor walls.

In the application, the sealant must inhibit air movement and buffer vibration, both of which contribute to sound transmission.

Tremco Acoustical/Curtainwall Sealant is easy to apply with conventional caulking equipment.

Apply bead onto substrate and cover within 24 hours to prevent tracking and dirt attraction that may inhibit adhesion.

## Cure Time

Tremco Acoustical/Curtainwall Sealant does not cure or dry. It is a non-skinning, non-hardening formula that will remain viscous and tacky to further aid in decreasing sound transmission.

## Clean Up

Excess sealant and smears adjacent to the joint interface can be carefully removed with xylene or mineral spirits. Any utensils used for tooling can also be cleaned with xylene or mineral spirits.

## Warranty

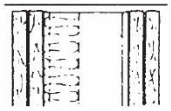
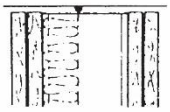
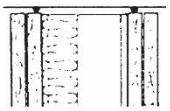
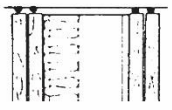
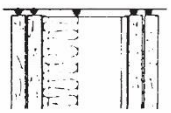
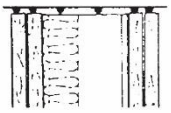
Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase price of the quantity of Tremco Products proven to be defective and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

## TYPICAL PHYSICAL PROPERTIES

| PROPERTY | TEST METHOD | TYPICAL VALUES |
|---|---|---|
| Resistance to Sag | CGSB 7.1 | Passes |
| Extrusion Rate | CGSB 3.1 | Passes |
| Viscosity | CGSB Brookfield | 1,000,000 cps |
| Loss of Mass | CGSB 5.1 | Passes |
| Resistance to Staining & Bleeding | CGSB 9.2 | Passes |
| Low Temperature Flexibility | CGSB 11.1 | Passes. -10˚C |
| Cracking/Blistering | CGSB 19.2 | Passes |
| Shear Modulus | using GR component | 45,000 N/M² |
| Density | | 1720 Kg/M³ |

| EDGE DETAIL | STC VALUE | | COMMENTS |
|---|---|---|---|
|  | Uncaulked | 19 | The open-edge crack dropped the STC value from 54 lab result to 19 through direct leakage |
|  | Single bead under track | 30 | This bead closed void but did not seal leakage around the joint between wallboard and track. |
|  | Two beads. One under each inner layer of gypsum board | 48 | The beads closed void and sealed leakage around track. A tremend improvement in performance. |
|  | Four beads. One under each layer of gypsum board | 51 | The void is closed; no leaks around track and wallboard; 3 db improvement in class is worthwhile. |
|  | Five beads. Two on each side plus one under the track | 52 | Void is closed. No leakage, but 1 db improvement in class does not justify expense of the fifth bead. |
|  | Six beads. Two at each side plus two under the track | 54 | Void is closed and six beads prevent any possible leakage. Again, improvement does not justify additional expense of two extra beads. |



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