

DATA SHEET

Product Description

Willseal® Acousti-Seal is a compressible type joint sealant for both static vertical, and horizontal joints on a vertical plane, for use in applications where interior sound control is needed. Not intended for movement joints.

Comprised of a fire resistant acrylic impregnated polyurethane foam with factory coated silicone sides, Acousti-Seal can be color matched to blend in with the surrounding and for a better aesthetically pleasing appearance.

Basic Uses

Typically used as an interior joint seal that blocks sound, dust, drafts, heat and cold in interior spaces such as offices, quiet rooms, lobbies, and conference rooms. The following are acceptable applications for Willseal Acousti-Seal:

- Window to wall
- Moveable or permanent partitions
- Head of wall
- Curtain wall
- Partition to wall

Features & Benefits

Willseal Acousti-Seal is a permanently flexible seal that is easy to install and does not require invasive mechanical anchoring.

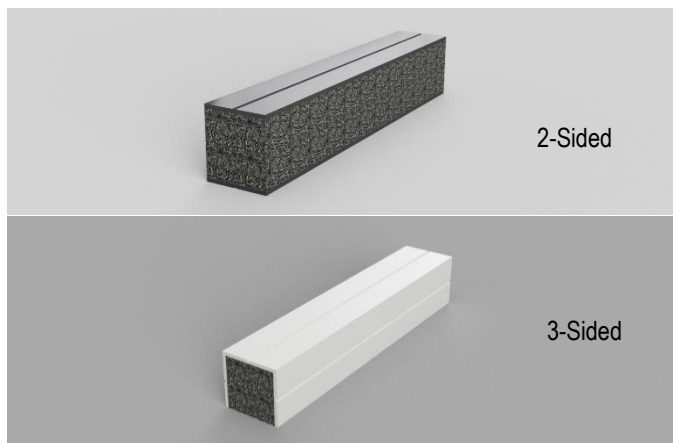
- Meets ASTM E-84-12b Class A (Flame Spread & Smoke Development)
- Sides can be coated with different colors to match wall coverings and substrates
- Thermally insulating (R value – 2.92 per inch)
- 1, 2, 3 or 4 silicone coated sides available
- Ease of installation allows for labor saving & high production
- Minimal surface preparation required
- Reduces sound transmission from room to room

Packaging

- Joint sizes from 1/2" to 6" in sticks (10 ft lengths)
- Custom sizes available upon request

Availability

Willseal Acousti-Seal is available from your authorized Tremco distributor, or any Tremco or Willseal Sales Representative. For more information contact Customer Service by phone at 800-274-2813 or email custserv@willseal.com.



Colors

- Sealant: Tremco Spectrem colors: White, Precast White, Ivory, Sandstone, Buff, Off-White, Limestone, Anodized Aluminum, Gray, Aluminum Stone, Light Bronze, Champagne, Dusty Rose, Adobe Tan, Rustic Brick, Charcoal, Bronze, Dark Bronze, Black
- Custom colors upon request

Limitations

- Avoid contact of Willseal Acousti-Seal with hydrocarbon solvents and corrosive chemicals.
- Joints submerged in water
- Not intended for moving joints
- Over-compression can result in greater loading that might exceed the design of certain substrates.
- Traffic rated joints
- Movement Joints

Warranty

Willseal Products are warranted to be free of defects in materials, but no warranty is made as to appearance or color. No other warranty, expressed or implied, is made with respect to Willseal Products, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy under this warranty shall be to replace or refund the purchase price of the quantity of Willseal Products proven to be defective, and there is no liability whatsoever for other loss or damage.

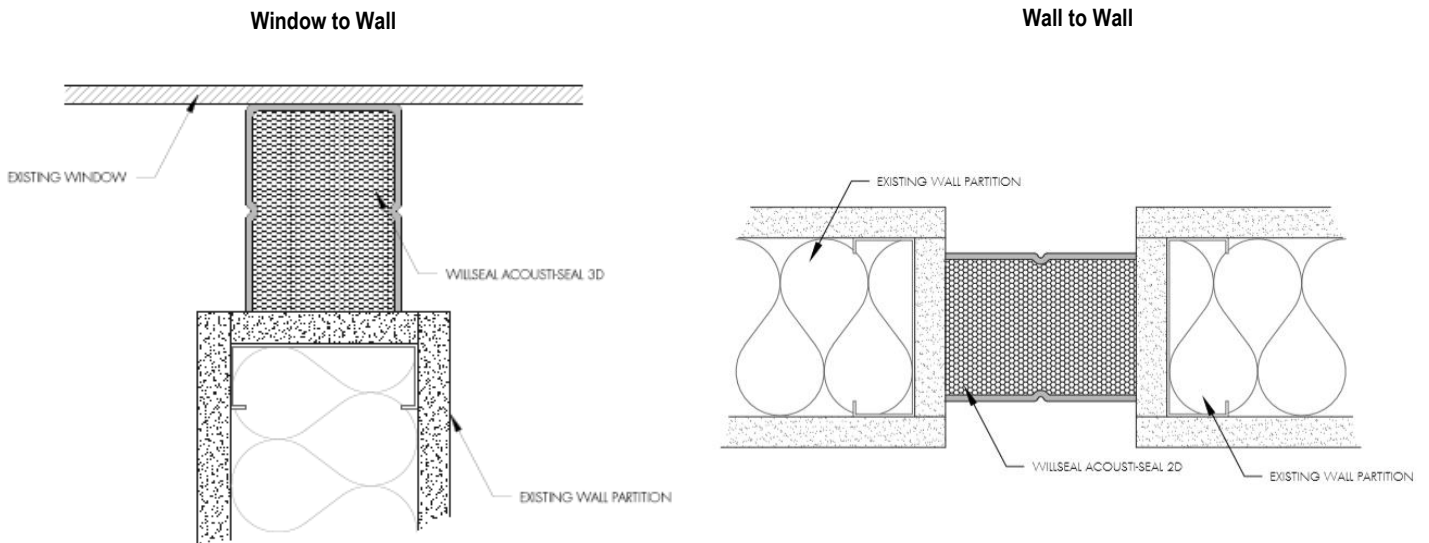
Please refer to our website at www.willseal.com for the most up-to-date Product Data Sheets.

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

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION	
FOAM COLOR	Black	
TEMPERATURE STABILITY RANGE		
Short term	-40°F (-40°C) to 248° F (120°C)	
Long term	-40°F (-40°C) to 194° F (90°C)	
IDEAL STORAGE TEMPERATURE	68°F (34°C)	
SHELF LIFE	2+ Years*	
PROPERTY	TEST METHOD	TYPICAL RESULTS
THERMAL CONDUCTIVITY	ASTM C518	0.33 – 0.347 Btu-in/hr-°F-ft2
THERMAL RESISTANCE	ASTM C518	2.92 hr °F-ft2/Btu
STC RATING	ASTM E90	54
OITC RATING	ASTM E90	47
FIRE TESTING		
Flame Spread	ASTM E84-12B Class A	5
Smoke Development	ASTM E84-12B Class A	5
COMPATIBILITY WITH CONVENTIONAL CONSTRUCTION MATERIALS	DIN 52 423	No signs of corrosion were observed on zinc, steel, galvanized steel, aluminum and copper, no adverse effects with concrete, aerated concrete, brick, some natural stone, PVC, Plexiglass and wood, for other materials consult Willseal

*When stored in accordance to the storage guidelines.



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Willseal, A Tremco Affiliate Brand

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