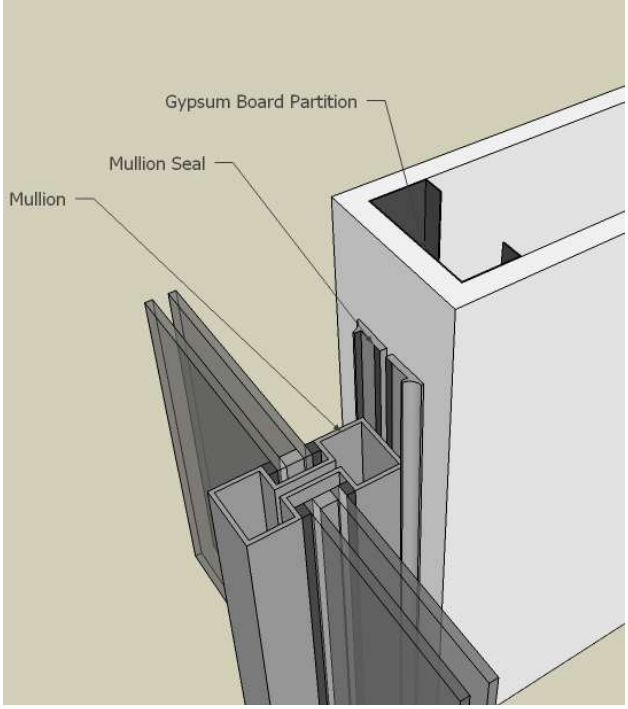
**Product Data and Submittal Sheet**

# Mullion Seal™

Project Information

## Product Description

The Mullion Seal™ is a sound-sealing extrusion made of solid neoprene rubber for the joint between a gypsum board partition and the mullion of a ribbon window, storefront or curtainwall system. The offset pressure-sensitive adhesive strips (PSA) and channel grooves allow the Mullion Seal to move due to wind load deflection, thermal expansion and interstory drift without breaking the seal (patent pending).




## Applications

Partitions that terminate at exterior wall mullions of ribbon windows, storefronts, and curtain walls all need the Mullion Seal to prevent flanking of sound through the joint wherever acoustical privacy and comfort are desired in all types of buildings including:

- Offices
- Schools
- Apartments
- Condominiums
- Hotels
- Dormitories
- Medical Facilities

## Specifications

Preformed Acoustical Seal at Mullions (Section 092900 "Gypsum Board" under Auxiliary Materials article): Resilient extrusion of neoprene rubber with cove edge and pressure-sensitive adhesive mounting for use at joints between partitions and window mullions; increases STC performance of partition by as much as 15 dBA as tested per Small Scale ASTM E 90; "Mullion Seal."

## Installation

Prior to installing partition cut Mullion Seal to length and pre-fit on both sides of the mullion. Trim cove at head, sill and intermediate horizontal mullions with a utility knife to provide tight fit; remove only the projected portion of the cove in order to retain the adhesive strip. Remove cover strip over adhesive from side facing mullion only and firmly set in place. Set prefabricated portion of partition by removing cover strip over adhesive from side facing partition and set firmly set in place. Press along the cove edge to set adhesive. Continue to construct remainder of partition.

## Availability

*Color:* Black rubber.

*Configurations:* 1-¼" wide by 1/8" thick rubber extrusion with 3/8" cove edge and pressure-sensitive adhesive mounting.

The Mullion Seal is available from Memtech Acoustics at www.memtechacoustics.com or phone (248) 289-1123.

## Performance & Physical Properties

*Nominal Thickness:* 1/8" thick between mullion and partition with 3/8" exposed cove edge.

*Sound Transmission Classification (ASTM E 90):* Independent testing indicates as much as 15 dBA improvement. Actual field test will depend upon the STC of the partition and sealing of other sound flanking paths.

## Maintenance

No maintenance is expected.

Memtech Acoustics

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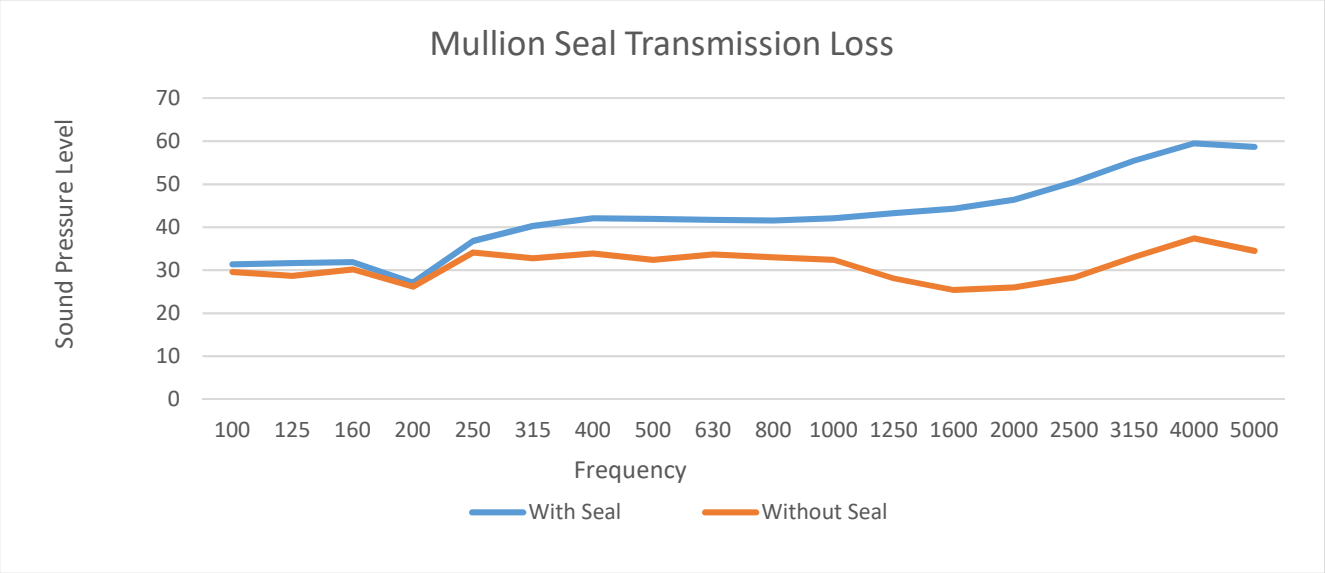


**Limitations**
None.

**Safe Handling Information**
No special precautions required.

**Important Notice to User**
Many factors will determine field results including STC of partition, size of partition, sound absorption in the receiving room, and presence of other sound flanking paths. Refer to actual sound test reports and analysis for this and any other noise control product.

**Warranty**
STC Sound Control warrants that the Mullion Seal will be free from defects in material and manufacture. STC makes no other express or implied warranties.

Approval Stamp