

MULTI((it)OVER®

Good Design is Simply Obvious.

Sound Solutions for Glass Buildings.

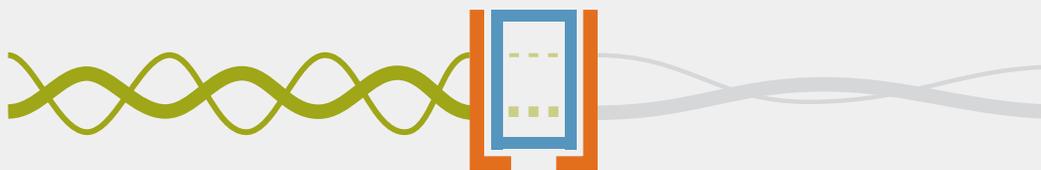


There's a key six inches of space around the perimeter of every glass building. A transition space that was poorly detailed. Until now.

Glass buildings are definitely beautiful. They let in natural light and provide great views. But it's a given that glass buildings are noisy. And, until now, all attempts to "tone it down" have amounted to a band-aid, not a real solution.

The Mull-It-Over[®] Mullion Trim Cap stems from our understanding of building construction. We know that curtain wall manufacturers primarily focus on weather-related factors. And we know that interior manufacturers focus on drywall sound insulation which ends at the slab edge of a building. Yet there's a gap: Adjacent to a building's interior and integral to the exterior curtain wall is the grid of hollow aluminum tubes that hold the glass in place. And these tubes—six inches of space around the entire perimeter of glass buildings—serve as open air gaps that conduct noise and cannot stop fires. It affects productivity, privacy and safety (including, of course, HIPAA compliance). White noise devices aren't sufficient; a more comprehensive solution is needed. And now there is one.

Sound reasons to spec Mull-It-Over[®] Mullion Trim Caps.



Problem

HIPAA Violations, Lost Sleep, Unhappy Occupants,
Confidential Conversations, Noise, Fire, Risk,
Code Violations, Lost Productivity, Stress, Litigation

Solution

HIPAA Safeguards, Better Sleep, Happy Occupants,
Confidentiality, Noise Reduction, Life Safety Requirements,
Code Approval, Increased Productivity



The Mull-It-Over[®] Sound Barrier Mullion Trim Cap.

We weren't trying to eavesdrop, but we easily overheard a confidential doctor/patient conversation in an adjacent exam room in a gorgeous glass building. It inspired our development of the Mull-It-Over[®] Mullion Trim Cap. We ran the design through a battery of tests in the sound chambers of Architectural Testing in York, PA. We refined it and re-tested. Then did it again. And again. Finally, quantifiable results clearly proved how this mullion trim cap system would re-create the sound-deadening capability of a well-constructed drywall partition all the way out to the face of the glass.

Whether the installation is in a patient room, a boardroom or a bedroom, noise transfer can now be resolved. This isn't a "me too" solution. There's been nothing else like it. Until Now.



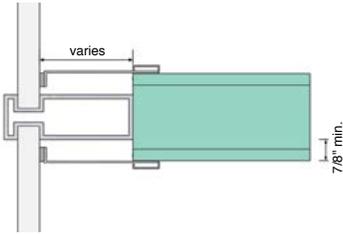
The Facts

- A standard mullion has an STC rating of 28. If left exposed, sound transfer between rooms will be a problem due to the poor noise deadening performance of the mullion.
- The Mull-It-Over Mullion Trim Cap increases the STC rating at the mullion to minimize sound flanking.
- Fire Rated Sound Barrier Mullion Trim Cap Options meet UL 2079/ULC S115 requirements.
- FGI Guidelines for Health Care Construction and International Building Code for Multi-Family Housing have minimum STC requirements for demising walls. When tested as an assembly, minimum code requirements will not be met if a demising wall terminates at an exposed mullion.
- The Mull-It-Over Mullion Trim Cap is a simple and clean trim detail for the exposed end of a partition wall that allows for differential movement between the partition and glass systems.
- Easy to install during new construction or added during retrofit to correct existing sound transfer problems or code violations.
- The Mull-It-Over Mullion Trim Cap has become the standard design detail for many leading architectural firms.

Patent No. 8,572,914 & 8,782,977

Specifications and Options

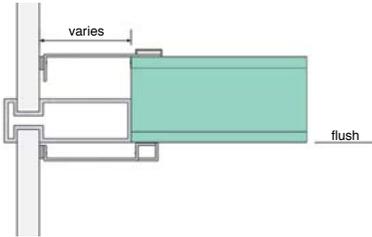
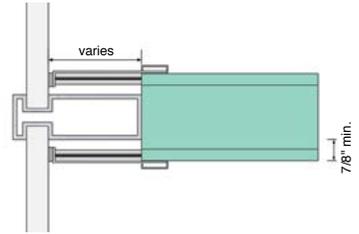
STC 55 Options



Classic Sound Barrier Mullion Trim Cap

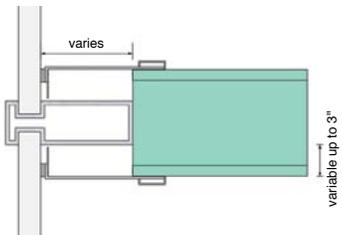
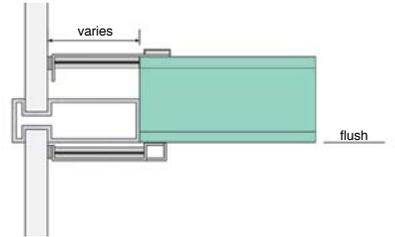
With a low profile 7/8" return leg, this mullion cap delivers high performance in a compact size. This mullion cap is compatible with most curtain wall systems with standard demising wall construction making it the standard wall termination detail for buildings with store front, curtain wall or ribbon window facades.

STC 60 Options



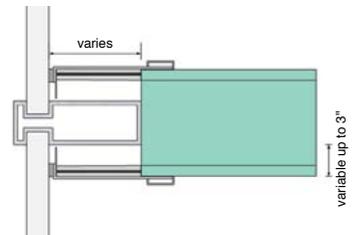
Flush Sound Barrier Mullion Trim Cap

For locations where the dimension between the face of the demising wall and face of the mullion is less than 7/8". This mullion cap provides a clean transition solution while maintaining a high STC.



Wide Sound Barrier Mullion Trim Cap

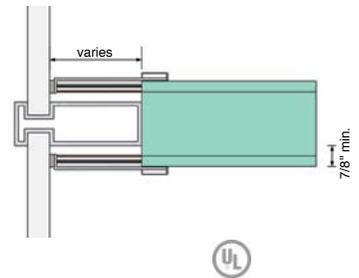
This mullion cap has an extra wide return leg extension for locations with wide dimension walls or offset wall construction. Custom profiles available.



Classic Sound Barrier Mullion Trim Cap with 1-Hour or 2-Hour Fire Rating

A layer of intumescent foam is added to the Classic sound barrier mullion trim cap to provide a 1-Hour Fire Rating. Certified to UL/ULC 2079/S115 testing. UL Assembly No. WW-S-1039

A layer of intumescent foam with thermal blanket are added to the Classic sound barrier mullion trim cap to provide a 2-Hour Fire Rating. Certified to UL/ULC 2079/S115 testing. UL Assembly No. WW-S-1041



Gasket Options - Leading edge gasket available in 1/2", 1", or 1-1/2" thick in light gray or charcoal.

Custom finishes are available to match curtain wall finishes. Custom profile and design assistance available.

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MULLITOVER®

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mullitoverproducts.com