

DRAFT STOP SMOKE Baffle

Non-combustible glass barrier to contain smoke

The Draft Stop Smoke Baffle prevents smoke damage and helps save lives by working alongside traditional fire sprinkler systems.

The rising path of toxic smoke in a building fire is a live-threatening issue; this smoke barrier system is installed at open atriums, stairwells, and escalators to minimize the smoke traveling up in a fire.

Requested by leading glazing contractors and designed in-house by Stella, this non-combustible glass panel hangs from the ceiling and meets the requirements of various building codes.

Concealed Support

Hidden away and inset into ceiling OR exposed

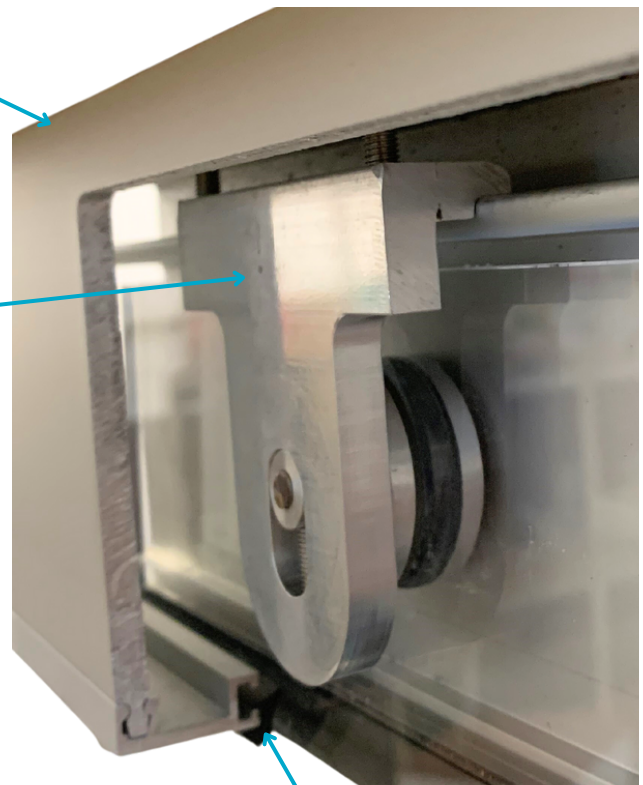
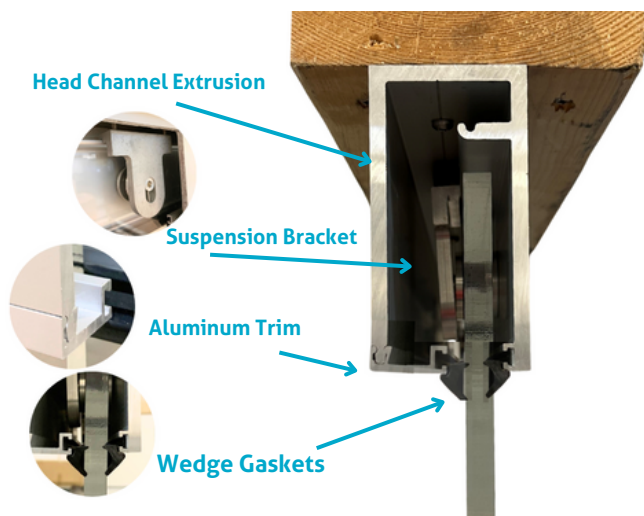
Labour-Saving Install

Reduce labour costs, installed in just FOUR simple steps

Supplied as a Complete Assembly

Includes extrusion, wedge gaskets, aluminum trim for base of channel, and two suspension assemblies per 3.66m [12'] length.

Glass and screws to mount to structure are excluded.



Ease of Replacement

Glass can be replaced without impact to surrounding ceiling with dry-fit wedge gaskets

PRODUCT DATA SHEET



DRAFT STOP SMOKE BAFFLE

Specifications

Non-combustible glass barrier to contain smoke

- Division: 08 88 00: Special Function Glazing
- Materials:
 - Channel/Trim: 6063-T5 Aluminum
 - Suspension Bracket: Aluminum 6061
 - Exterior/Wedge Gasket: 70 Durometer EPDM
 - Finish Options:
 - Typically clear anodized
 - Colour anodized, painted, or powder-coated, available upon request
- Mount Type: Vertical mount on OR flush with finished surfaces
- Mount Structure: Concrete, steel or wood (by others)
- Infill: Be of noncombustible or limited-combustible material that will stay in place before and during sprinkler operation
 - Glass Thickness of 12mm tempered [x"] OR 13.5mm tempered laminated
- LEED Standards:
 - Aluminum (primary material) - 25% pre-/90% post- consumer recycled content by weight
- Compliances/Standard: Project specific
- Warranty: 2-year limited warranty* (can be project specific)

Key Details

Typical Applications	<ul style="list-style-type: none">• Open atriums, stairwells, and escalators to minimize smoke traveling up in a fire
Draft Stop Info	<ul style="list-style-type: none">• Be located immediately adjacent to opening• Be of noncombustible or limited-combustible material that will stay in place before and during sprinkler operation
Glass Panel Info	<ul style="list-style-type: none">• Thickness: 12mm tempered [1/2"] OR 13.5mm [17/32"] tempered laminated• Each panel has two holes drilled along the top edge
Panel Size	<ul style="list-style-type: none">• Be at least 457mm [18"] deep• Max Size: 1.5m [5'] x 500mm [20"] high
Fastener into Structure	<ul style="list-style-type: none">• Fastener Type and Length by Customer (suggested #12 x 300 O.C.)
Tool Info	<ul style="list-style-type: none">• General - Hex Drive Tools for Flat head Cap Screw and Set Screw