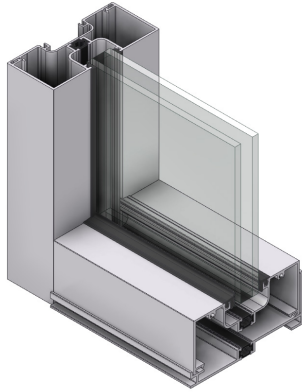


FlushGlaze BF 3400 - Thermally Broken Storefront Framing System

Product Description

FlushGlaze BF 3400 Thermally broken storefront system.
High performance “Bigfoot” structural thermal break.
True and complete thermal separation in a storefront system



Recommended use

Ideal for projects where heating & cooling costs are an important factor

Composition & Materials

- 6063 alloy, T5 or T6 temper aluminum extrusions
- Extruded EPDM gaskets

Finishes

Anodic coated finishes in Class I and Class II, architectural painted and powder coat finishes are available

Limitations

- Size restrictions. See size limitations charts for minimum/maximum sizes
- Not intended for residential applications

Technical Services

Contact any Alumicor regional office by visiting www.alumicor.com



Features & Benefits

- 2” H (50.8mm) X 4 ½” W (114.3mm) framing
- 1” (25.4mm) standard glazing infill
- “Bigfoot” structural thermal break eliminates the concerns associated with poured and de-bridged thermal breaks
- Flush glaze, rain screen design that can be fabricated with screw spline or shear block
- Top load and lock-in glazing gaskets to permit interior or exterior glazing
- Split finish capability
- Engineered to accept all Alumicor series doors
- May be used as a fixed window system
- Tested to NAFS, CSA & AAMA requirements

Installation

Alumicor recommends that installation be by authorized Alumicor dealers. Contact your Alumicor representative to confirm the trade contractor is authorized to install Alumicor products. Specifiers may wish to incorporate the requirement of a Product Confirmation as a submittal requirement. Adhere to design, specifications, manufacturers published manuals and recommended industry practice.

Warranty

Alumicor standard warranty applies. Hardware is warranted by the hardware manufacturer. Extended warranties may be available. Alumicor’s product warranties can be viewed at www.alumicor.com

Design Considerations

It is important for designers and specifiers to ensure that competent manufacturers' representatives are involved in the early stages of project design

Considerations that must be addressed at early design development:

- Minimum and maximum size limitations

Maintenance

Cleaning should be undertaken as soon as possible after installation to remove construction and environmental dirt and impurities. High PH compounds and cementitious products such as mortar must be immediately removed from all surfaces or irreparable damage to finishes will occur. Cleaning should begin at the top of the building and proceed downward in a continuous operation. Care should be taken to prevent the use of procedures and cleaning materials that could damage the finishes of the aluminum, glass, infill panels or adjacent building components. Clean annually using approved, non-abrasive cleaners and potable water. Cleaning of aluminum components should be performed in accordance with AAMA 609.1 and 620.2

Annually clean all dirt and debris from within the sub-frame of the operable window insert, carefully wipe weather and air seal gaskets with a mild soap and water, rinse with clean potable water; lubricate all operating components with manufacturer's recommended lubricant

Filing System

MasterFormat, UniFormat or OmniClass

Availability & Cost

Availability: Available through authorized Alumicor dealers that are competent in fabrication, assembly and installation of Alumicor products.

Cost: The cost depends upon project design, extent of project, finishes, glazing infills, customer requirements, hardware options and project location. Contact Alumicor regional offices for pricing and/or a list of authorized Alumicor dealers.

Physical Properties

Property	Test Method	Result
Air Infiltration 300 Pa (6.27 psf)	ASTM E283	Allowable - 0.5 L/s/m ² (0.10 cfm/ft ²) Results - 0.040 L/s/m ² (0.008 cfm/ft ²)
Air Exfiltration 300 Pa (6.27 psf)	ASTM E283	Allowable - 0.5 L/s/m ² (0.10 cfm/ft ²) Results - 0.24 L/s/m ² (0.005 cfm/ft ²)
Water Penetration Resistance	ASTM E331 & ASTM E547	Allowable - No uncontrolled water penetration Results - Passed @ 720 Pa (15.04 psf)
Uniform Load Deflection	ASTM E330	Allowable - L/175 Passed - +3360 Pa, (+70.18 psf) - 3360 Pa, (-70.18 psf)
Uniform Load Structural	ASTM E330	Allowable - 0.3% of Frame Length Passed - +5040 Pa, (+105.26 psf) - 5040 Pa, (-105.26 psf)

*Tests performed by Exova, 2395 Speakman Drive, Mississauga, Ontario, L5K 1B3. Copies of test reports available upon request