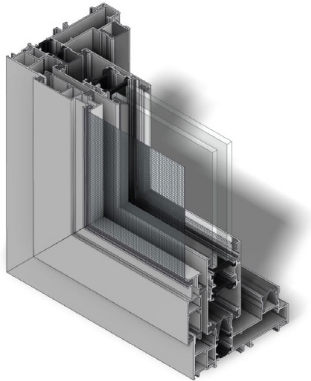


ThermaSlide[™] 7000 Insert Patio Door Series

Product Description

A superior thermal efficiency sliding patio door with elegant appearance, premium architectural performance and a low profile sill height of 2" (50.8mm)



Recommended use

Ideal for projects where higher architectural requirements like air, water and structural performance are needed, along with large vision areas

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

Technical Services

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

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



Features & Benefits

- Thermally broken aluminum sliding insert patio door
- Low sill height 2" (50.8mm) and narrow profile interlock for less obstruction of your view and ease of entry
- High structural performance capabilities
- Exceptional thermal performance and high water drainage capacity
- Ideal for residential and commercial applications
- Frame depth of 5 9/16" (141.3mm)
- Available in XO, OX, OXO, XOO, OOX, OXXO configurations
- Large size capabilities. Maximum weight per sash of 375 lbs. (170 kgs)
- Accommodates 1" (25.4mm) double glazed sealed unit
- Dry glazed, using compression gaskets and innovative seals
- Dual color finish available
- Hardware with multipoint locking and European handle
- Incorporates exterior insect screen
- High sound attenuation
- Smooth and silent long lasting sliding movement
- Tested to NAFS-AAMA/WDMA/CSA requirements
- Tested to NAFS 11 - AWPG40

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.

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 like 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: 1.5 L/s/m ² (0.30 cfm/ft ²) Results: 1.2 L/s/m ² (0.24 cfm/ft ²)
Air Exfiltration 75 Pa (1.57 psf)	ASTM E283	Allowable: 1.5 L/s/m ² (0.30 cfm/ft ²) Results: 0.7 L/s/m ² (0.15 cfm/ft ²)
Water Penetration Resistance by Static Air Pressure Resistance	ASTM E331	Allowable - No uncontrolled water penetration Results: Passed @390 pa (8.15 psf)
Water Penetration Resistance by Cyclic Air Pressure Resistance	ASTM E547	Allowable - No uncontrolled water penetration Results: Passed @390 pa (8.15 psf)
Uniform Load Deflection	ASTM E330	Allowable - L/175 Results - PASSED ±2160 pa (4.11 psf)
Uniform Load Structural	ASTM E330	Allowable - No damage or permanent deformation exceeding 0.2% of span Results - PASSED ±3240 pa (67.67 psf)

*Tests performed by Exova, 2395 Speakman Drive, Mississauga, Ontario, L5K 1B3.

Copies of test reports available upon request