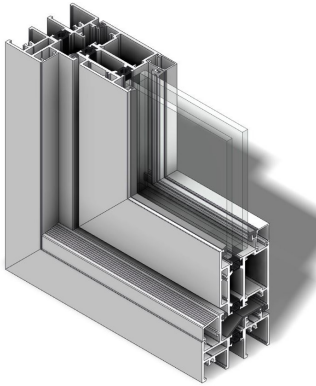


## TerraPorte 7600 In-Swing - Terrace Door

### Product Description

Thermally broken terrace door with superior air/water performance



### Recommended use

Ideal for residential and condominium projects

### Composition & Materials

- 6063 alloy, T5 or T6 temper aluminum extrusions
- Polyamide Thermal Break
- 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
- Proprietary hardware only

### Technical Services

Contact any Alumicor regional office by visiting [www.alumicor.com](http://www.alumicor.com)

### Filing System

MasterFormat, UniFormat or OmniClass



### Features & Benefits

- Thermally broken terrace door for superior energy performance
- Rain screen design and multi-point locking
- Double glazed
- Cost effective for residential and condominium projects
- Installs quickly and easily into any curtain wall system and fixed windows
- Split finish capability
- Large size capability up to 48"W or 144"H
- Fabricated at Alumicor facilities only
- Tested to NAFA-11-ATD-AW, AAMA/WDMA/CSA 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](http://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

## Applicable Standards

NAFS- AAMA/WDMA/CSA 101/I.S.2/A440-11

NAFS -AAMA/WDMA/CSA 101/I.S.2/A440S1-09 Canadian Supplement

ASTM E283 Standard Test Method for Determining Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors under Specified Pressure Differences across the Specimen

ASTM E547- Standard Test Method for Water Penetration for Exterior Windows, Skylights, Doors and Curtain Walls by Cyclic Static Air Pressure Difference

ASTM E331 – Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

ASTM E330 – Standard Test Method for Structural Performance of Exterior Windows, Doors Skylights and Curtain Walls by Uniform Static Air Pressure Difference

## 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

## 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 - 0.50 L/s.m <sup>2</sup> (0.10 cfm/ft <sup>2</sup> ) Results - 0.111 L/s.m <sup>2</sup> (0.022 cfm/ft <sup>2</sup> )
Water Penetration by Cyclic Air Pressure Difference	ASTM E547	Allowable - No uncontrolled water penetration Results - Passed @ 720 Pa (15.04 psf)
Water Penetration by Static Air Pressure Difference	ASTM E331	Allowable - No uncontrolled water penetration Results - Passed @ 720 Pa (15.04 psf)
Structural Design Load Deflection	ASTM E330	Allowable - L/175 Passed- +3360 Pa, (+70.18 psf) -3360 Pa, (-70.18 psf)  Allowable No damage or permanent deformation exceeding 0.2% 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.