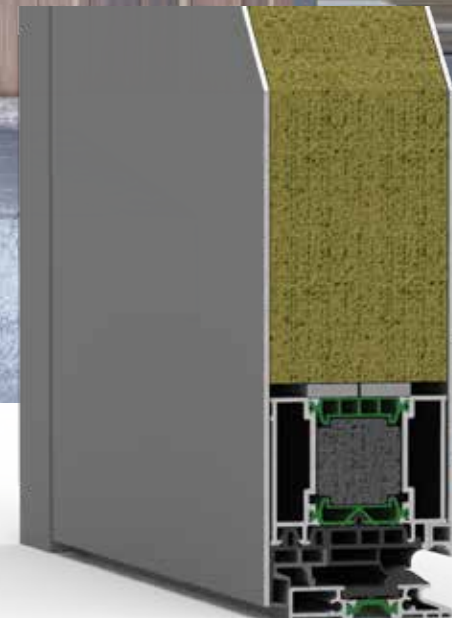


ENTRANCE DOOR

D75

High-performance Insulated Entrance Doors System
Energy efficiency, structural stability and functionality.



System Identity

ALUMINCO's D75 is a highly insulated entrance door system that brings together the benefits of energy efficiency, structural stability and functionality.

Enhanced features and functions ensure optimum performance in terms of security and ease of use. In terms of design, ALUMINCO D75 offers a sophisticated architectural design of impressive flat lines.

The surface of the door infill can be combined either with aluminium panels or all-glass unit. The system provides the ability to create multiple constructions for both commercial and residential projects.

ALUMINCO D75 solution combines what architects, fabricators and developers have always valued: the highest degree for energy efficiency, comfort and aesthetic visual impact in the best possible way - from the perception of the idea to its implementation.

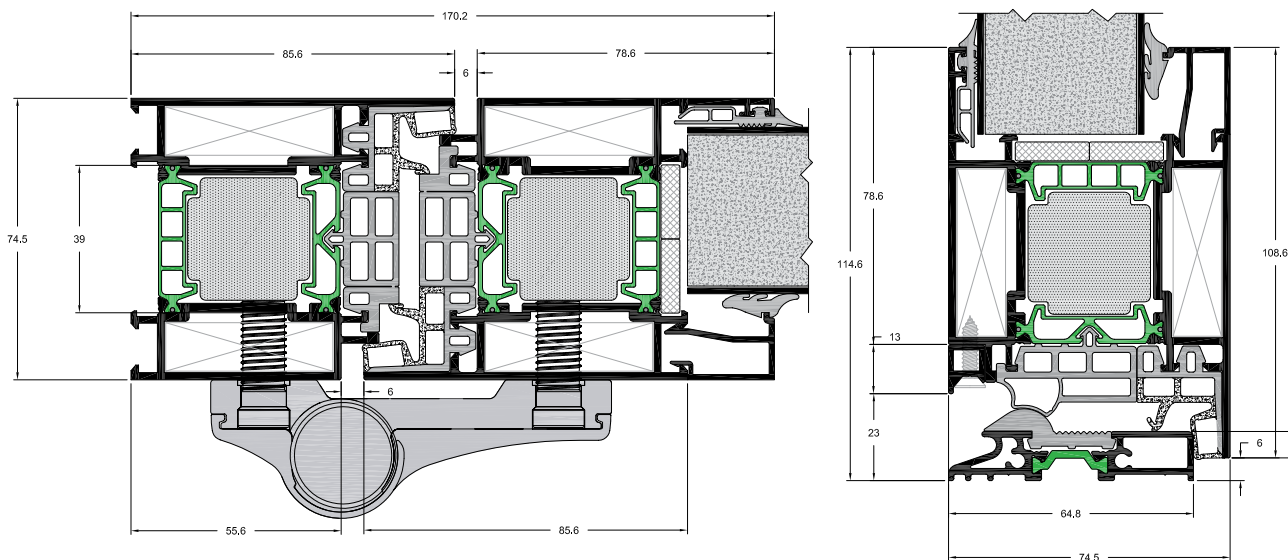
Features & Benefits

- Outstanding thermal insulation coefficient $U_d=0.79$ W/m²K
- Polyamides 39 mm for increased performance and minimization of the bimetallic effect.
- Optional insulation zone with foam filling ensures the highest level of thermal insulation.
- 3 sealing levels with EPDM gaskets and a special EPDM foam gasket provide optimum water tightness.
- Top security features achieved by the 3-point security locks and door hinges that can be either concealed or surface mounted.
- Continuous low threshold of 13 mm height increases stability, enhances water tightness and minimizes energy loss.
- Aluminum panels or glazing infills provide multiple design options.

Configurations

Doors: 1Leaf - 2Leaf with fixed

Combinations: 1Leaf - 2Leaf with W4750



INSULATION

POLYAMIDES mm	39
FOAM	■

SYSTEM PROFILE DIMENSIONS

MIN. FRAME DEPTH mm	74.5
MIN. FACE HEIGHT mm	170.2
GLASS THICKNESS mm	44-52

CONSTRUCTION DIMENSIONS

SASH WIDTH mm	1400
SASH HEIGHT mm	3000
MAX. SASH WEIGHT Kg	200

CERTIFICATES/PERFORMANCES

AIR PERMEABILITY EN 12207	Class 3
WATER TIGHTNESS EN 12208	Class 5A
RESISTANCE TO WIND LOAD EN 12210	Class C1/B1
BURGLAR RESISTANCE EN 1627	RC2
SOUND REDUCTION R_w (C;Ctr) ISO 10140-2	44 (-1;-4) dB
THERMAL INSULATION U_f EN 10077-2	1.5-1.7 W/m ² K



Rate of Insulation

$U_d=0.79$ W/m²K

Thermal conductivity coefficient has calculated for the construction:
1300x2500 with $U_p=0.40$ W/m²K
Type of panel: 2/70.5/2