



**Climador**

PERSONNEL DOORS AND EMERGENCY EXITS

## THERMAL AND FIRE RATED STEEL DOORS

SUITABLE FOR BOTH INTERNAL AND EXTERNAL USE

ADS Windows and Doors

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### UNIQUE RANGE FEATURES

8-10 week lead time

Up to 3m high

1 year warranty

Climador seamless steel doors are thermally-rated and fire-rated and available as single or double-leaf door-sets for internal or external use in commercial, industrial, residential or hospital applications. Glazed leaves are available as an option and door can be supplied with or without a threshold.

#### Climador features:

- ✓ Galvanized steel sheet door leaf with polyester or powder coating - thickness 0.8 - 1.5mm
- ✓ Total leaf thickness 63mm
- ✓ Door frame made from steel powder coated sections - thickness 2.0mm
- ✓ Stainless steel handle,
- ✓ Mortise lock
- ✓ Choice of RAL colours
- ✓ Two hinges as standard
- ✓ Fitted with door sill and drip cap (for external doors) as standard.

#### DECLARED PERFORMANCE

ESSENTIAL CHARACTERISTIC	TECHNICAL SPECIFICATION	PERFORMANCE
Water tightness	PN-EN 1027:2001	class 4B
Resistance to wind load P1, P2	PN-EN 12211:2001	class 4B
Resistance to wind load	P3 PN-EN 12211:2001	class C3
Thermal resistance single door	PN-EN ISO 10077-1:2007	1,4 [W/m <sup>2</sup> K]
Thermal resistance double door	PN-EN ISO 10077-1:2007	1,7 [W/m <sup>2</sup> K]
Air permeability	PN-EN 1026:2011	class 1

THERMAL INSULATION PROPERTIES	$U_o = 1.4/(m^2.K)$
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Fig. 1 Cross-section of fire-rated single door with corner frame

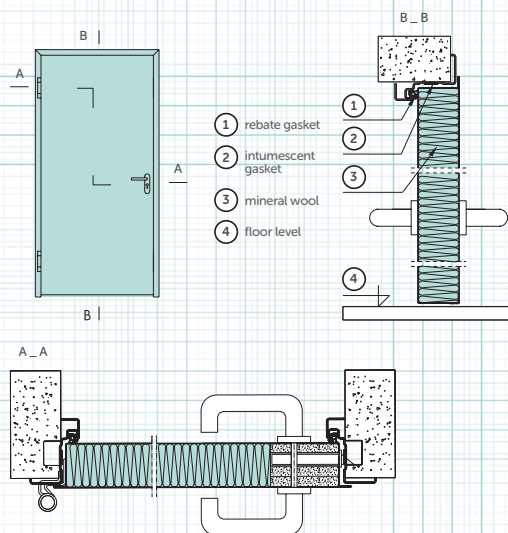
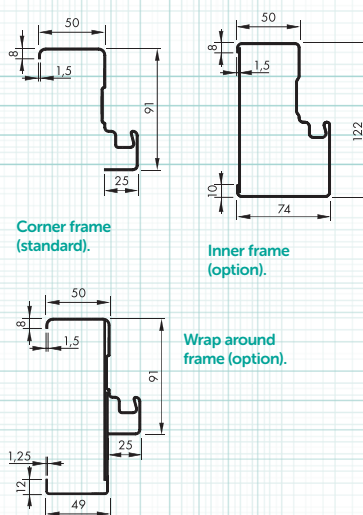
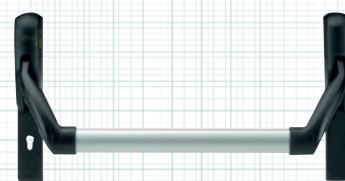


Fig. 2 Frame options

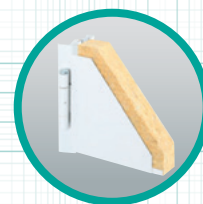


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Typical panic bar



Door leaf and hinge detail



Stainless steel handle



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