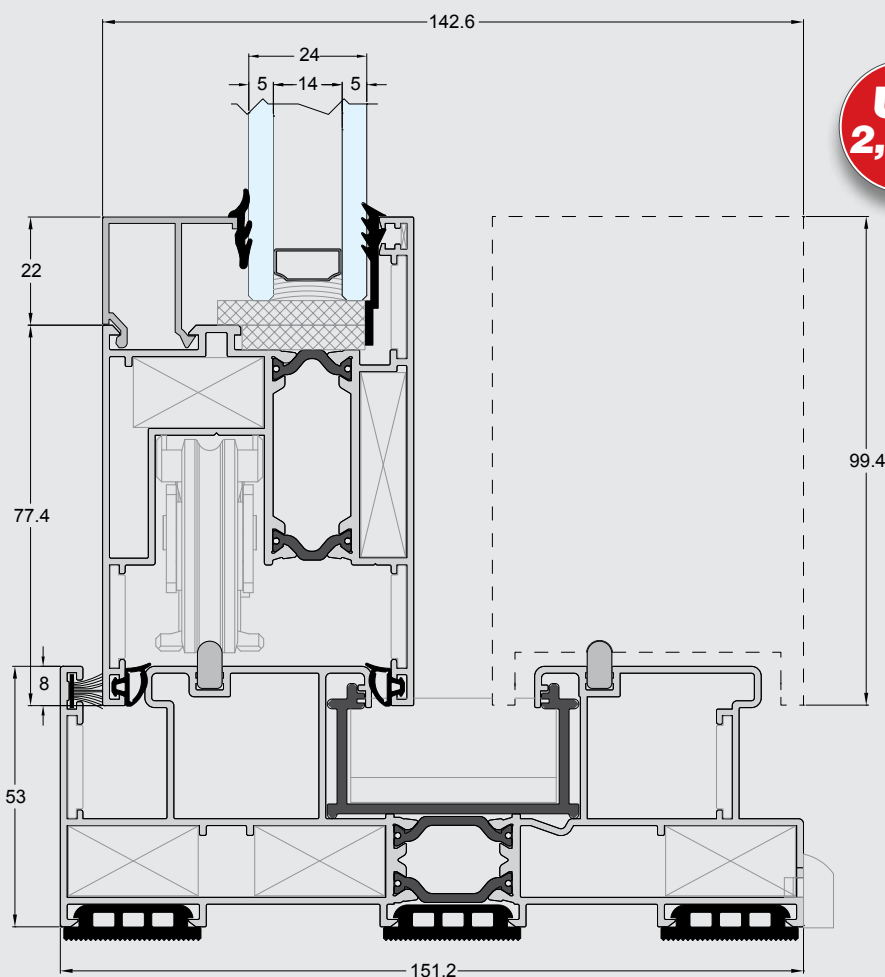




# AL 250

Lift & Slide Thermal Break System  
for ultimate comfort & security

clima



**U<sub>w</sub>**  
**2,4** W/m<sup>2</sup>K

**Clima** is the brand name of all thermal Break systems, sliding & opening, that deliver high performance, quality, reliability with insulation characteristics.

With innovative **Aluminco Technology** the Clima Systems are even more efficiency of an aesthetic design at a great value.

**AL250** is an innovative lift and slide, thermal break system, suitable for constructions with large openings up to 10 meters.

This system offers absolute impermeability with special perimeter rubbers, heat insulation, sound insulation and maximum security with multiple locks.

It has high resistance to the weight of the glass, **up to 300 kg** per sash and an ideal sliding of rollers on the rail, with the possibility of bi-colloration.

**ALUMINCO**  
ALUMINIUM BUILDING SYSTEMS

# Data sheet

## Basic characteristics

- High performance thermal break system.
- High degree of permeability due to special perimetric joints.
- Maximum security of multiple locks.
- Great resistance of glass weight up to 300 kg.

## Technical characteristics

Sash width	Triple rail dimensions	Glass thickness up to	Polyamides
63 mm	↔ 151 mm	46 mm	24 mm

## Profile technical characteristics

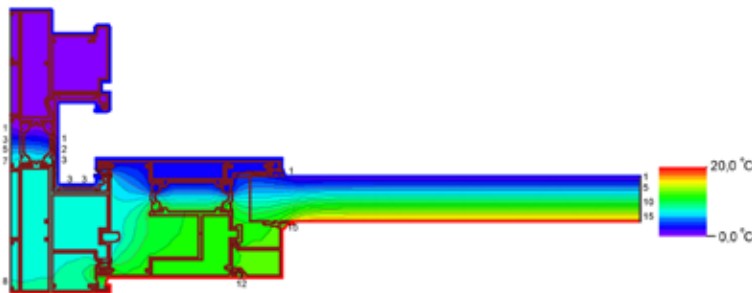
Aluminium alloy	Hardness	Minimum paint thickness	Profile thickness	Check dimensional profiles according to
AlMgSi 0,5 (EN AW 6060)	12 Webster	75µm	1,4-1,7mm	EN DIN 12020-2

## Performances

Thermal insulation EN ISO 10077-2	Uf= 4,3 - 4,6 W/(m²K)
Air permeability EN 12207	Class 3
Watertightness EN 12208	Class 3A
Resistance to wind load EN 12210	Class C4



## Rate of Insulation



$$U_w = 2,4 \text{ W/m}^2\text{K}$$

Thermal conductivity coefficient has calculated for the construction:  
2000X2200 with  $U_g = 1,1 \text{ W/m}^2\text{K}$   
Glass type: 3+3/16(ARGON)/5

## About Aluminco S.A.

Today, with 33 years of experience, our company has evolved to an integrated vertical aluminium industry focusing on developing, producing and marketing branded aluminium systems for every architectural use.

### on Value-added aluminium solutions

Building the brand through consistency & care and having a clear and uniform profile, reinforced ALUMINCO to offer a unique wide-range of aluminium-based products.

### on Research & development

Investing from the very beginning in the field of research & development have gradually made ALUMINCO a leader in the Greek Aluminium industry.

### on Worldwide presence

With footprints to more than 60 countries, ALUMINCO can serve customers on a worldwide basis.

ALUMINCO headquarters, are located in Inofita Viotia, Greece, at a 40.000sq.m. owned property.

## For more information

For more information about Aluminco, visit  
[www.aluminco.com](http://www.aluminco.com)



### Aluminco S.A.

Inofita Viotia, 32011, Greece  
T: +30 22620 47000  
F: +30 22620 47090  
E: [info@aluminco.com](mailto:info@aluminco.com)