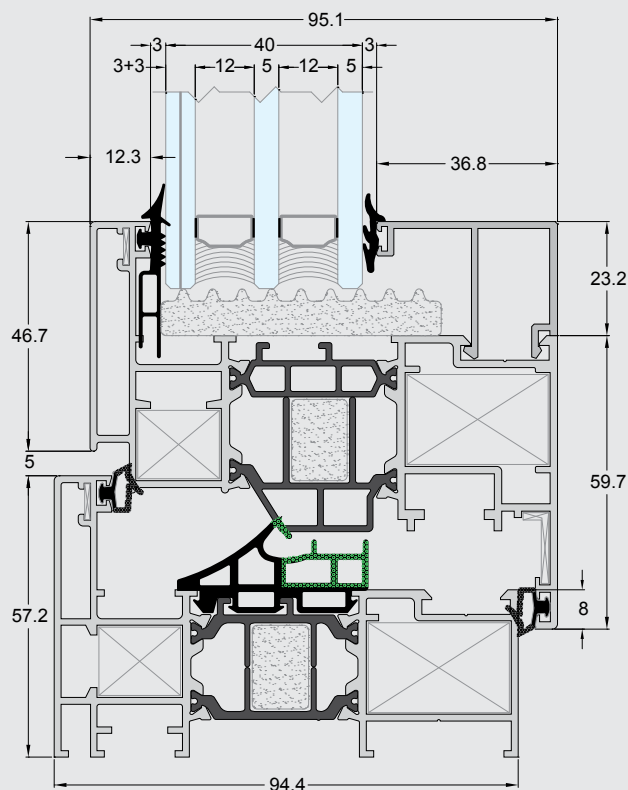




AL 570 Tilt & Turn Thermal Break System for maximum safety @ stability



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.

AL570 is a thermal break system of high performance suitable for demanding constructions which offers the absolute security by mean of a perimetric locking.

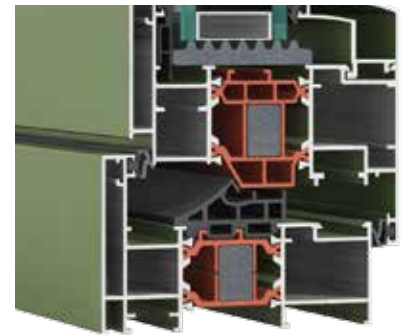
The series gives the ability to construct frames for adverse weather conditions thanks to the use of specially reinforced polyamides **34mm**.

The maximum security provided by the use of multiple lockings combined with the high performance of thermal and sound insulation guarantee excellent quality, functionality and significant energy saving.

Data sheet

Basic characteristics

- Use of special reinforced polyamides 34mm.
- Special multi-chamber central gasket that secures optimum impermeability preventing thermal shift.
- Special alignment corner that incorporates mechanical fastening of the sash profiles, increasing thoroughly the overall rigidity of the frame while providing excellent aesthetic results.
- Option of stainless steel locking mechanism on perimetric system and CAMERA EUROPEA system.
- Manufacturing capabilities with bead cutting of 45o degrees and snap-joined bead for excellent aesthetic result to the inside of frames.
- "Curtain" gaskets that prevent the transmission of moisture to the internal of the glazing.
- High degree of air and water impermeability.
- High performance thermal break system.
- Outstanding energy saving system.
- Great profile connection that secures the long-life and smooth operation of the frame.
- Optimum aesthetic result.
- 2 corner joints.

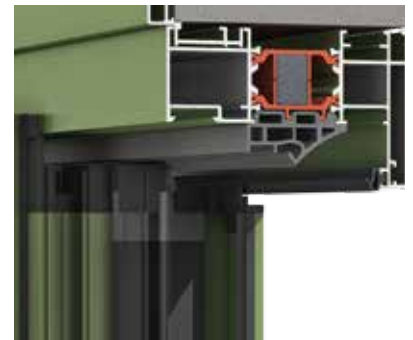


Technical characteristics

| | | | |
|------------|-----------------|-----------------|------------|
| Sash width | Min frame width | Glass thickness | Polyamides |
| 95,1 mm | ↔ 94,4 mm | 46,4 mm | 34 mm |

Profile technical characteristics

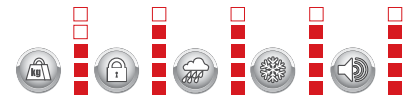
| | | | | |
|-------------------------|------------|-------------------------|-------------------|---|
| Aluminium alloy | Hardness | Minimum paint thickness | Profile thickness | Check dimensional-profiles according to |
| AlMgSi 0,5 (EN AW 6060) | 12 Webster | 75µm | 1,4-1,7mm | EN DIN 12020-2 |



Performances

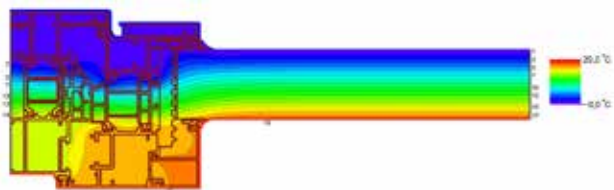
| | | | | |
|--------------------------------------|------------------------------|----------------------------|-------------------------------------|-----------|
| Thermal insulation EN ISO 10077-2 | Air permeability EN 12207 | Watertightness EN 12208 | Resistance to wind load EN 12210 | Antitheft |
| Uf=1,8 W/(m²K) | Class 4 | Class 7A | Class C3/B3 | RC2 |

System properties



Rate of Insulation

AL 570 Dynamic Plus



$$U_w = 1,4 \text{ W/m}^2\text{K}$$

Thermal conductivity coefficient has calculated for the construction:
900x2200 with $U_g=0,8 \text{ W/m}^2\text{K}$
Glass type: 3+3/16(ARGON)/4 16/ (ARGON)/4

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



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