

ENERGY EFFICIENCY

Thermal insulation:

$U_w = 1,56 \text{ W/m}^2\text{K}^*$

Profile $U_f = 3,14 \text{ W/m}^2\text{K}$

Based on EN10077-02 Single-leaf 1,5x2,4m balcony door

Glass $U_g = 1,1 \text{ W/m}^2\text{K} / \psi_g = 0,05 \text{ (W/mK)}$

Estimated acoustic performance up to R_w 40 dB

Window size: 1.23m x 1.45m with acoustic laminated glass of 4+4.1A/CAM/4+4.1A

TEST RESULTS

Protection against atmospheric agents

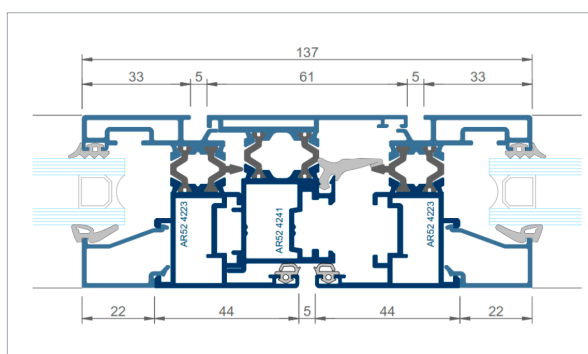
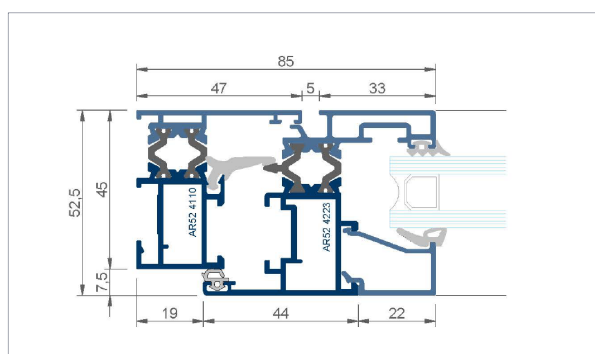
Air permeability: **4**

Water tightness: **Window 9A - Balcony door 6A**

Wind resistance: **Window C4 - Balcony door C2**

Results of official tests performed on ENSATEC 212454 y 212466 and on the basis of Annex E of standard EN-14351-1:2006 + A2:2016

SIDE & CENTRAL CROSS-SECTION



FRAME

Width: 45mm (corte perimetral)

Thermal break: 14mm

Profile thickness: 1,5 mm

Same frames for inwards/outwards opening and fixed panel.

SASH

Width: 52 mm

Thermal break: 14mm

Profile thickness: 1,5mm / 1,6mm

Glass thickness: 4mm mín. / 27mm máx.

Maximum weight: 160 Kg OB

Maximum dimension permitted:

Consult at technical office

FITTINGS

Lock: (door profiles)

Tilt and turn (standard and hidden hinge)

Projecting and hinged

Motorized system (door frame)

GASKETS AND SEALING

EPDM perimetral gaskets at leaf

EPDM perimetral frame central gaskets

OPENING POSSIBILITIES

Casement

Tilt and turn

Projecting

Hinged

Fixed panel

STRUCTURES

Doors

Windows

All components of the **Thermia AR52 CE** systems have their origin in the European Union.

ALLOY

6063 T-5 / 6060 T-5

LABS



SURFACE FINISHES

Color powder coating in accordance with the QUALICOAT

European certification >60 microns

Available with SEASIDE quality

Wood effect powder coating in accordance with the

QUALIDECO European certification

Anodized in accordance with the QUALANOD European

certification >15 microns Available in 20 and 25 microns

Bicolor treatment possibility.

