

ENERGY EFFICIENCY

Thermal insulation:

$U_w = 1,17 \text{ W/m}^2\text{k}^*$

Profile $U_f = 2,9 \text{ W/m}^2\text{k}$

Based on EN10077-02 Single-leaf 1,7x2,6 m balcony door

Glass $U_g = 0,7 \text{ W/m}^2\text{K} / \psi_g = 0,046 \text{ (W/mk)}$

Estimated acoustic performance up to $R_w 45 \text{ dB}$

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

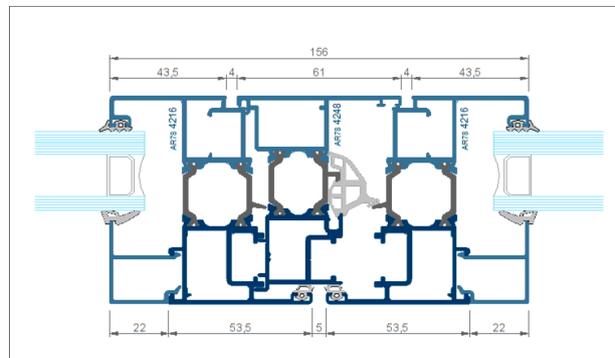
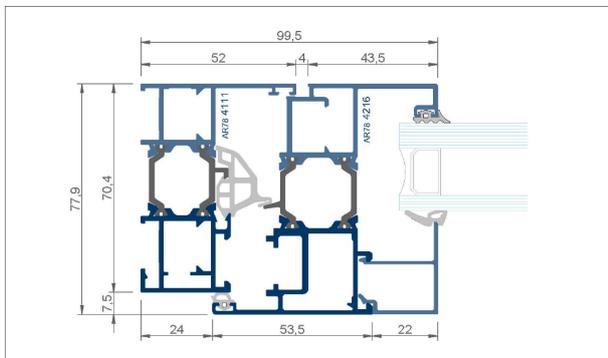
Air permeability: **4**

Water tightness: **Window E1050 - Balcony E2100**

Wind resistance: **Window C5 - Balcony door C4**

Results of official tests performed on ENSATEC, document N°250711 and on the basis of Annex E of EN-14351-1:2006 + A2:2016. N° 26/12260-1263 (balcony) / N°16/12260-1260 (window).

SIDE & CENTRAL CROSS-SECTION



FRAME

Width: 70mm

Thermal break: 24mm

Profile thickness: 1,5 mm

Same frames for inwards/outwards opening and fixed panel.

SASH

Width: 78 mm

Thermal break: 24mm

Profile thickness: 1,5mm / 1,8mm

Glass thickness: 12mm mín/49mm máx.

Maximum weight: 100 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 AR78 plus C16** 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.

