

SERIES 713M - C45°

Aluminium casement ultra-thin opening

CUZCO® Series 713 M is the very latest model of 70 mm casements with ultra-thin openings and progressive energy saving ratings. With considerably slimmed opening bar sightlines, it provides a design compromise which is very attractive to designers and builders. Based on the fixed frame from series 713, it uses the opening section from series 713OC and an external aluminium lacquered glazing bead. For newbuild and renovation, this range of windows and French windows attains very high thermal values.







CONFIGURATIONS

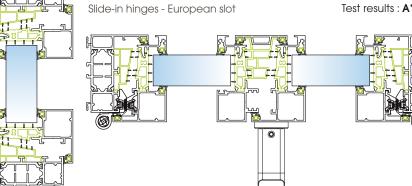


GLAZING

- Available in double or triple glazing
- From 24 to 50mm for fixed frame
- 28 or 32mm on opening section in 16mm groove
- 28 or 32mm and from 36 to 44mm on opening section in Euroaroove

SECTION

Window 2 leaves - C45°





FEATURES

- Meets French regulations **RE 2020**
- Patented thermal shield
- Minimised opening bar
- Stongly reduced aluminium sightlines
- **High thermal** protection values
- FACTORY SPIRIT® **Design**
- 16mm groove or Eurogroove
- Glazing up to 44mm
- Solar gain optimised and excellent light transmission
- Optional disabled access sill
- Available in all Profils Systèmes' exclusive colours : Terra Cigala®, Profils Color®, Terre de Matières®
- Colour shades guaranteed up to 25 years*

PERFORMANCES - Double glazing

Accreditation CSTB: DTA number 6/18-2386

70mm module: 3 different protection values available in choice of thermal shield and overall ratings desired.

- \bullet Fixed frame C 45° / Opening section C 45° / EG or 16 mm G
- Window 2 leaves 1530mm (W) x 1480mm (H)



Standard Thermal break

Thermal **TH** $Uw = 1.5 \text{ W/m}^2 \text{K}$ Sw = 0.49 TLw = 0.62



Shield TH+ $Uw = 1.4 \text{ W/m}^2 \text{K}$

Ug = 1.1* with warmedge

Sw = 0.49 TLw = 0.62Ug = 1.1* with warmedge



Thermal shield **optimised**

Shield TH_{Max} $Uw = 1.3 \text{ W/m}^2 \text{K}$ Sw = 0.39 TLw = 0.54

 $Ug = 1.0^*$ with warmedge

* (TGI or ULTIMATE insert)

Acoustic:

Sound reduction index up to 37 dB (Ra,tr)

Weather tightness:

French window 2 leaves W 1530 x H 1500 mm

Test results: A*4-E*9A-V*C2



Choose your profile



SERIES 713M - C45° Aluminium casement ultra-thin opening

FIXED FRAME

- 70mm module with 38mm polyamide strips
- Fixed frame identical to 713 series

OPENING SECTION

- Elegant internal tubular design, with PVC groove (similar to 713OC) aluminium glazing bead holding glazing
- Thickness: 78.1mm

WEATHER TIGHTNESS

Weather tightness is achieved by compression of 2 identical EPDM batten and rotating gaskets and/or in TPE during closing.

LOCKING

Two systems available with EG or 16 mm G:

- Multi-point lever handle locking with top and bottom striker for the windows in the rabbet of the fixed frame
- For large size joinery, additional lock points and strikers on the semi-fixed (EG), can be fixed on the lever handle

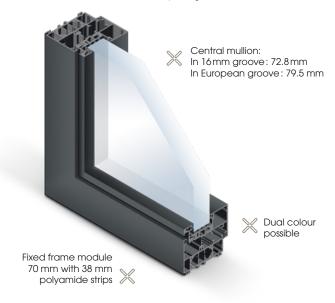
Key lock available: 5 points for European groove and 16mm groove

FITTING SYSTEMS

- Directly onto **frame lining** with protected steel mounting brackets or pegged, in line with DTU 36-5
- With hollow brick
- Tunnel
- Renovation
- Single wall
- Wood frame
- ITE



Reduced aluminium section Fixed/opening 66mm on 16mm Slot and European groove



HINGES

3 choices of hinges:

• slide-in: in 16mm & in Eurogroove

• screw-in: in 16mm groove

• invisible : in Eurogroove

ACCESSIBILITY

Disabled access sill

OPTIONS

- Centred handle
- Handle without base-plate

SECTION

Window 2 leaves - C45°

slide-in hinges 16 mm slot

