



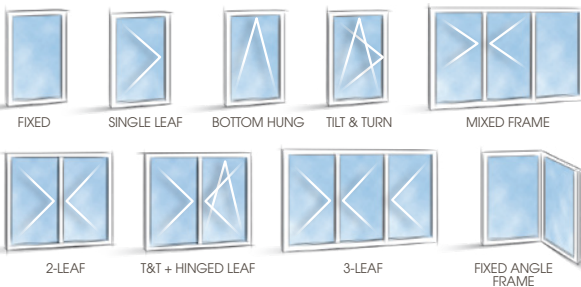
713 SERIES - C45°

Aluminium casement Very High Upgradeable Thermal Performance

713 CUZCO® Series is the very latest generation of Profils Systemes' upgradeable thermal insulation casement joinery. It can be used for new buildings and renovation work for windows and French casement windows with very high thermal performances. Its very refined FACTORY SPIRIT® design optimises daylight and offers new architectural possibilities.



CONFIGURATIONS



ACCESSIBILITY

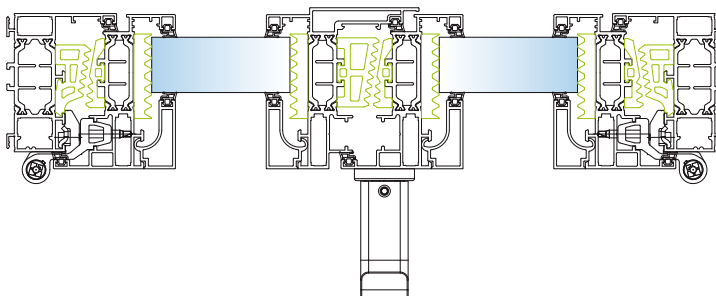
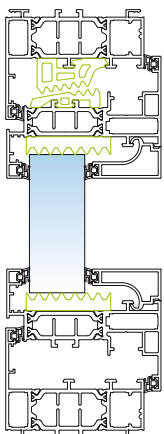
Reduced sill for disabled access

MODELS

Opening section **C45°** : 16 mm groove, Eurogroove
 Traditional fixed frame : **C45°** and **C90°**
 Monoblock fixed frame : **C90°** from **100** to **200mm**

SECTIONS

2-leaf, side-hung window
 16 mm groove / slot-in hinge system



FEATURES

- Meets French regulations **RE 2020**
- Optimised **sunlight exposure**
- **Reduction** in heating & lighting costs
- **Patented System**
- **Factory Spirit® Design**
- Glazing up to **56 mm**
- Acoustic loss index **up to 42 dB** (Ra,tr)
- **Reduced sill** for disabled access
- Available in **angled fixed frame**
- **Dual colour** possible
- Available in all Profils Systemes' exclusive colours : **Terra Cigala®, Profils Color®, Terre de Matières®**
- **Colour shades guaranteed up to 25 years***

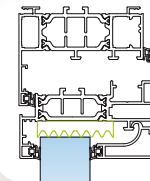
PERFORMANCES - Double glazing

Accreditation CSTB : **DTA number 6/18 - 2386**

70 mm module : 3 levels of performance are available depending on the thermal shield chosen and overall performance required

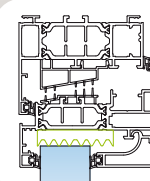
- **Fixed frame C45° / Opening leaf+glazing beads C45° / 16 mm G or EG**
- 2-leaf window 1530 mm (W) x 1480 mm (H)
- **Ug = 1.1** (TGI or ULTIMATE insert) **with Warmedge**

Standard thermal break



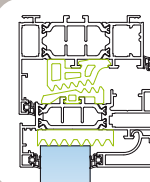
TH Thermal
Uw = 1.6 W/m²K
 Sw = 0.46 TLw = 0.58

Thermal shield



TH+ Shield
Uw = 1.4 W/m²K
 Sw = 0.46 TLw = 0.58

Optimised thermal shield



THMax Shield
Uw = 1.3 W/m²K
 Sw = 0.46 TLw = 0.58

Acoustic :

Sound reduction index up to **42 dB** (Ra,tr)

Weather tightness :

French window 2 leaves W1530xH1500mm

Test results : **A*4 - E*6A - V*C3**

Profils
 SYSTEMES

Choose your profile

713 SERIES - C45°

Aluminium casement

Very High Upgradeable Thermal Performance

FIXED FRAME

- 70mm module with 38 mm polyamide strips
- Identical to that used on 713M Series

LEAF

- 78.1 mm module with 38mm Eurogroove polyamid strips or 16mm groove
- FACTORY SPIRIT® Design

LOCKING

2 types of hardware can be used on the frames :

- Hardware for Eurogrooves
- Hardware for 16 mm grooves with the possibility of using slot-in or two-piece separable hinges

Possibility of lock and **key closure** :

- 5-point for Eurogrooves
- 5-point for 16 mm grooves
- optional centred handle and handle without baseplate

HINGES

3 choices of hinges :

- slide-in : in 16mm & in Eurogroove
- screw-in : in 16mm groove
- invisible : Eurogroove

WEATHER TIGHTNESS

The draught and water seal is obtained by means of **2 batten seals** (1 on the fixed frame and 1 on the leaf). This system is specific in that it enables good thermal performance to be achieved without a centre gasket that would be costlier and take longer to fit.



MAX DIMENSIONS (mm)

Eurogroove

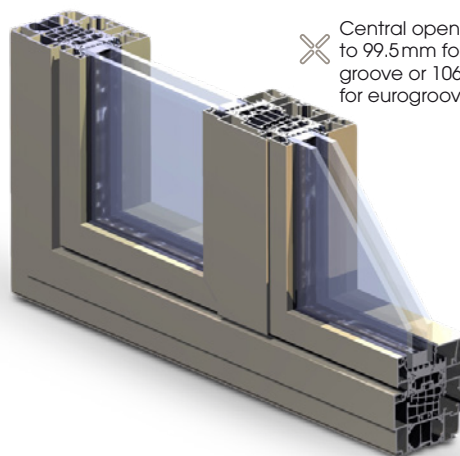
1-leaf casement	W 1400xH 2300
2-leaf casement	W 2200xH 2300
1-leaf Tilt & Turn	W 1400xH 2300
2-leaf Tilt & Turn	W 2200xH 2300
Gusset	W 1600xH 800

Fixed frame:
70mm
module
with 38mm
polyamide
strips

Reduced aluminium section: fixed
and opening frames 79.2 mm

Central opening up
to 99.5 mm for 16mm
groove or 106,2mm
for eurogroove

Leaf:
78.1 mm
module
with 38mm
polyamide
strips



Dual colour
possible



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