



## 017 SERIES

### Aluminium curtain wall

The Tanagra® range of curtain walls can be used for many different thermal break facades while using a unique structure: classic stick system, horizontal capping, Factory Spirit® Beaded aspect, exterior glazing attached with bonding (structural glazing), canopies and blinds.

STRAIGHT OR CURVED DESIGN



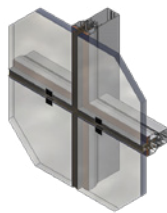
### CONFIGURATIONS



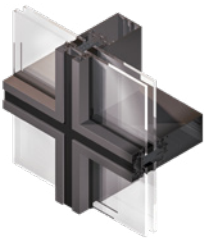
Stick system



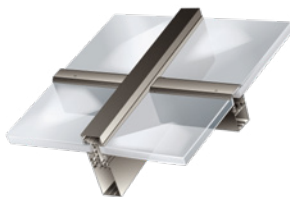
Horizontal capping



Structural glazing



Factory Spirit®  
Beaded aspect



Canopy

### RATING

AWW Tests + Impact resistance	Air resistance	Water resistance	Wind resistance	Impact resistance
<b>Stick Facade</b> uses 2 frames each 2000mm wide W4136 x H4950mm	<b>A*E</b>	<b>R*6</b>	<b>Stick Facade</b> uses 2 frames each 2000mm wide W4136 x H4950mm	<b>I*5 E*5</b>
<b>Stick Facade</b> uses 2 frames each 2000mm wide W4136 x H4950mm	<b>A*4</b>	<b>R*7</b>	<b>Stick Facade</b> uses 2 frames each 2000mm wide W4136 x H4950mm	<b>I*5 E*5</b>

MADE IN  
FRANCE

### HIGHLIGHTS

- **Unique** structure
- **Seamless** lines
- **Time saved** on fabrication and fitting
- **Major glazed surfaces**: the 25mm rebated groove can accommodate glazing panes with a 1/2 perimeter of up to 7m
- **Thermal** and **acoustic** insulation
- **Steel reinforcing bars**: allow spans of more than 6m without intermediate fixing
- **Thermolacquering with powder**: no waste or VOC
- Large range of colours and exclusive finishes by Profil Systèmes: **Terra Cigala®**, **Profils Color®**, **Terre de Matières®**
- Colour shades guaranteed **up to 25 years\***



### STRUCTURE

- **Tubular, 56 mm wide**, with sections varying from 30 to 240mm according to the inertia required
- **A single profile** can be used for both **mullions** and **transoms**
- **The mullion/transom junction** is made by means of **a fitting batten in frontal fitting** and requires no machining
- **Mullions** from different **sections** can be **reinforced with standard steel or aluminium plating or tubes** (inertia from 5.88 cm<sup>4</sup> to 4148 cm<sup>4</sup>)

### ASSEMBLY

Straight-cut according to fitting method :

- **Surface** mounting
- **Perforated** mounting
- **Advanced** mounting

**Profil**  
SYSTEMES

*Choose your profile*



# 017SERIES

## Aluminium curtain wall



### OPENING SECTIONS

#### Tanagra® Factory Spirit® Beaded aspect

- Tanagra® can be used for many window styles: top-hung hopper, tilt-turn, outward opening, bottom-hung hopper, fire access vent.
- From a beaded aspect frame to inward casements, tilt-turn, top and bottom-hung hoppers, all are available with structural glazing.

### WATERPROOFING

- Grid, Structural glazing, Factory Spirit® Beaded aspect**  
2 EPDM waterproof barriers on one of the pressure plates and one on the main framework
- Horizontal Transom**  
Vertical waterproofing between 2 glass panes: via EPDM joint (2 thicknesses available)
- Glass canopy**
  - Vertical waterproofing : 2 EPDM joints fitted on pressure plate
  - Horizontal waterproofing : Butyl strip glued to glazing + 2 EPDM joints fixed to pressure plate

### THERMAL INSULATION

- Grid, Horizontal Transom, Factory Spirit® Beaded aspect**  
Insulating spacer 40 or 50 mm thick
- VEC**  
Via thermal bridge break profiles  
Frames attached by interlocking

### INFILLS

- Grid, Horizontal transom, Factory Spirit® Beaded aspect, Glass canopy**
  - Glazing from 6 to 46 mm
  - Architectural façades with angles varying between +/- 10° can be created
- VEC** : - Glazing in 24,31 and 39mm on fixed frames  
- Hollow joint between the 2 panes: 22 or 27 mm  
Tests ETA-09/0229

### SUN BREAKER

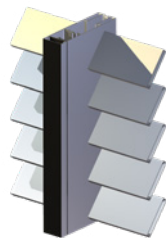
The Tanagra® sun breaker provides an efficient and good design answer to solar protection for buildings

- Light-filtering on the Tanagra® curtain wall or canopy
- Optimisation of energy saving winter and summer
- Different solutions : vertical, horizontal, adjustable...
- Large choice of slats
- Building stylisation and personalisation

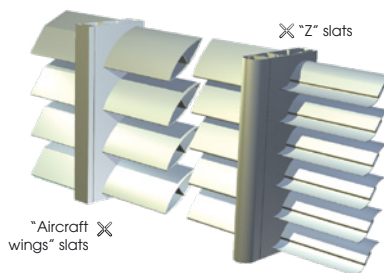
Horizontal sun breaker



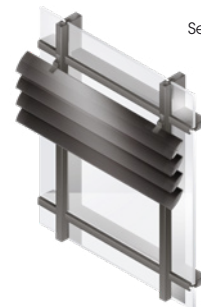
Sun breaker on horizontal frame



Sun breaker with vertical slats



Sun breaker with square slats



Several models (100, 165 & 230 mm), adaptable on curtain wall and cement



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