

## TPH 52 Facade

A new generation of facade consisting of a base system with an ample range of mullions and transoms that provides answers to the different style and construction needs for architectural projects.

Its base profile range of 16 mm to 250 mm in mullions and 22,5 mm to 255,5 mm in transoms, and equally with the complementary accessories, are common to the new CORTIZO facades. The extensive profile range and their mechanical unions allows for all types of facades to be built (vertically, inclining, 90° corners, corners and polygonals) as well as resolving large and heavy modulations.

This TPH 52 Facade is a mixed system that evolved from the combination of the TP 52 and the SG 52 systems. It maintains the pairing of the pressure cover on the horizontal gaskets highlighting the line in this direction whilst the glazing fixing is achieved by way of clips and the U profile on its vertical edge.

Great thermal breaking, together with an ample glazing capacity of up to 44 mm with glass compositions of large thicknesses and energy efficiency, gives to this new range of facades many excellent thermal and acoustic features.



# TPH 52 Facade

## Transmittance

$U_{cw}$  from 0.6 (W/m<sup>2</sup>K)

Please consult typology, dimensions and glazing

## Glazing

Maximum glazing: 64 mm

Minimum glazing: 6 mm

## Finishes

Colour powder coating (RAL, mottled and rough)

Wood effect powder coating

Anti-bacterial powder coating

Anodized

## Categories achieved at test centre

Air permeability  
(EN 12152:2000): Class AE

Water tightness  
(EN 12154:2000): Class RE<sub>1500</sub>

Wind resistance  
(EN 13116:2001): COMPLIES  
(Design loading 2000 Pa - Security windload 3000 Pa)  
Test reference 3,00 x 3,50 m

Certification CWCT British Standard



## Internal seen section

Mullion 52 mm

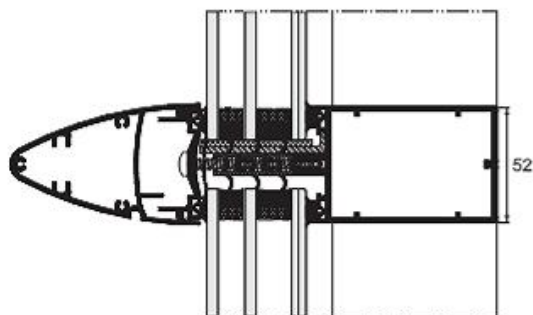
Transom 52 mm

## Profile thickness

2,1 & 3,0 mm

2,1 mm

6, 12 & 30 mm stackable and thermally broken profiles



## Covers

Elliptical: 85 mm depth

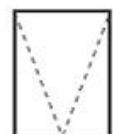
H-shaped cover: 34 mm depth

Rectangular: 14, 19, 100 and 145 mm depth

Piramidal-shaped: 155 mm depth



## Opening possibilities



Hidden  
Top Hung

## Maximum / Minimum dimensions

### Hidden Top Hung

Width max. (L) = 2500 mm

Height max. (H) = 2500 mm

Width min. (L) = 500 mm

Height min. (H) = 650 mm

## Maximum weight

Hidden Top Hung 180 Kg

Fixed light 750 Kg