

TP 52 Façade

A new generation of façade 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 by using integral solutions.

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 all of the new CORTIZO façades. The extensive profile range and their mechanical unions allows for all types of façades to be built (vertically, inclining, 90° corners, corners, polygonals) as well as resolving large and heavy glazing modulations.

This **TP 52 façade** is a traditional system, also known as the Stick system. The fixing of the glazing to the supporting profiles is carried out by way of a continuous pressure profile screwed externally to a screw port incorporated in the mullions and transoms. The glazing remains fixed at its 4 sides using this profile that is available with separating gaskets in order to impede contact between the glazing and the metal. The pressure profile and the screws are covered by a continuous external embellishing profile known as a cover.

Great thermal breaking, together with an ample glazing capacity of up to 50 mm with glass compositions of large thicknesses and energy efficiency, gives to this new range of façades many excellent thermal and acoustic features.

Its seen external section coincides with the interior, being 52 mm



TP 52 Façade

Transmittance

Ucw from 0.6 (W/m²K)

Please consult dimensions and glass

Glazing

Maximum glazing: 50 mm.

Mínimum glazing: 4 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 RE₁₅₀₀

Wind resistance
(EN 13116:2001): APT
(design loading 2000 Pa–security loading 3000 Pa)
Test reference 3,00 x 3,50 m.

Certification CWCT British Standard



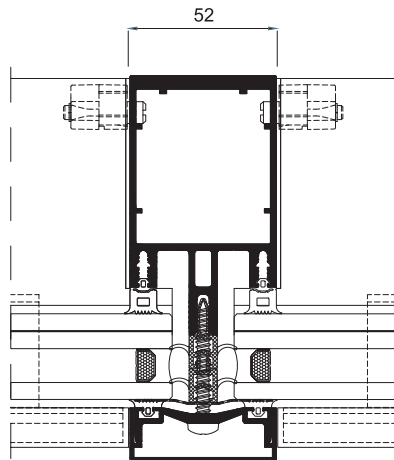
Internal seen section

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

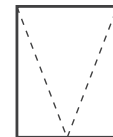


Covers

85 mm deep elliptical cover.
H shape cover, 34 mm deep.
Rectangular cover: 14, 19 100 & 145 mm deep
Pyramid shape cover, 155 mm deep



Opening possibilities



Hidden projecting

Maximum / Low dimensions

Projecting opening
Max. Width (L) = 2.500 mm. Min. Width (L) = 550 mm.
Max. Height(H) = 2.500 mm. Min. Height (H) = 650 mm.

Maximum weight

Projecting opening 180 Kg.