

MC WALL

PERFORMANCE LEVEL

	MC WALL	MC PASSIVE	MC PASSIVE+	MC GLASS	MC FIRE
 U-VALUE	Uf from 1.5 W/m²K	Uf from 1.1 W/m²K	Uf from 0.97 W/m²K	Uf from 1.9 W/m²K	Uf from 1.4 W/m²K
 AIR TRANSMISSION	Class AE1300; PN-EN 12152	Class AE1300; PN-EN 12152	Class AE1300; PN-EN 12152	Class AE1300; PN-EN 12152	Class AE1300; PN-EN 12152
 WATERTIGHTNESS	Class RE1500; PN-EN 12154	Class RE1500; PN-EN 12154	Class RE1500; PN-EN 12154	Class RE1800; PN-EN 12154	Class RE1800; PN-EN 12154
 RESISTANCE TO WIND	2600 Pa 3900 Pa; PN-EN 13116:2004	2600 Pa 3900 Pa; PN-EN 13116:2004	2600 Pa 3900 Pa; PN-EN 13116:2004	2600 Pa 3900 Pa; PN-EN 13116:2004	2600 Pa 3900 Pa; PN-EN 13116:2004

* Thermal insulation depends on a combination of profiles and thickness of the filling.

APPLICATION

Straight and light faceted vertical glass walls for small and medium sized constructions.

DESCRIPTION

- The curtain wall is build up out of vertical mullions and horizontal transoms which can be build in different ways such as a stainless steel bridle joint which advantages a faster construction of the curtain wall. There's also the possibility to construct light faceted ("curved") curtain walls with screw connections for the transoms.
- The thermal break can be achieved by an extruded plastic insulator which is clamped in the mullion and ensures the distance between the mullion and the subprofile.
- The system can be finished on the outside with different cover plates.
- Besides the traditional curtain walls with horizontal and vertical protruding cover plates, it's possible to build with this system a semi-structural curtain wall which only shows vertical protruding covering-caps for the curtain wall.

FINISHING

- Electrostatic Powdercoating: according the guidelines of A.P.A.- Qualicoat **seaside** in all current RAL-colours. Either matt or gloss finish with Qualicoat license n°219
- Timeless colours: Timeless colours with a 25-year paintwork guarantee
- Pure: architectural color trend with pure matt and structure (25-year paintwork guarantee) colors
- Life Colours: metallic structural colours
- Lacquer anodising: the qualities of an outstanding finish and the look of an anodisation
- Woodstructure: colours range with a wood look
- Metal effects: colours range that reproduces the effects of metal (aged with time)

*All lacquer comes with a 15 year warranty certificate
A seaside warranty of 25 years is also offered on the
color range TC, MT, PT and T.*

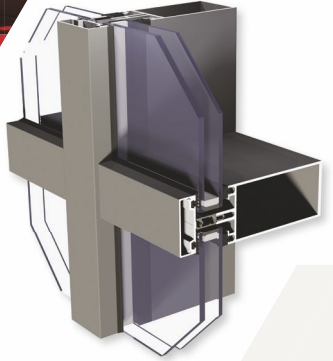


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MC WALL

Curtain wall system for traditional and semi structural curtain walls with thermal break

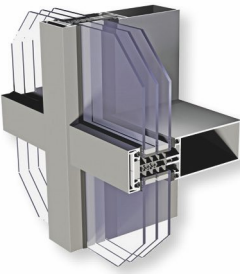


MC WALL

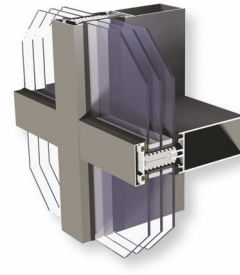
Style variants



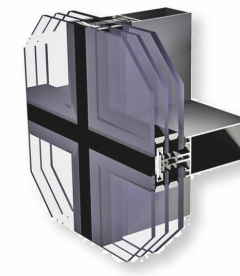
MC WALL



MC PASSIVE



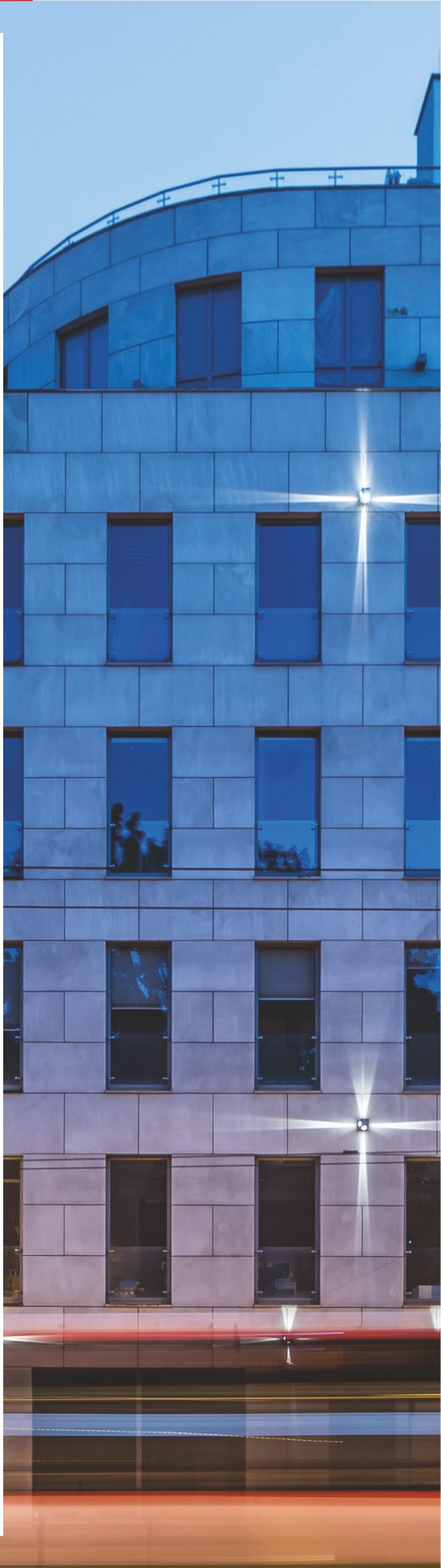
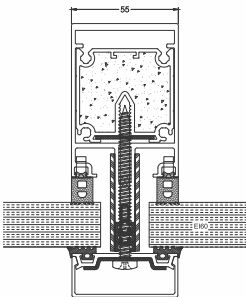
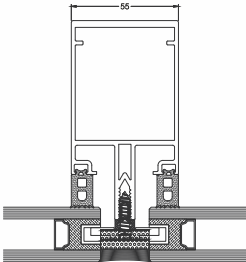
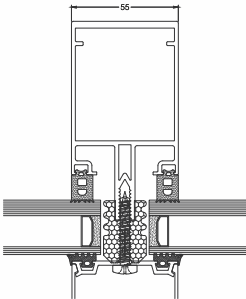
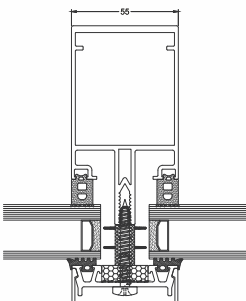
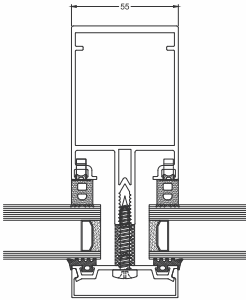
MC PASSIVE +



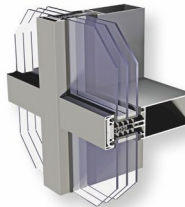
MC GLASS



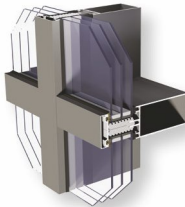
MC FIRE



MC WALL



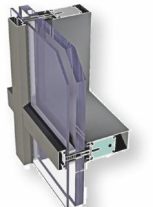
MC PASSIVE



MC PASSIVE +



MC GLASS



MC FIRE

	MC WALL	MC PASSIVE	MC PASSIVE +	MC GLASS	MC FIRE
Depth mullion	27-294 mm	27-294 mm	27-294 mm	27-294 mm	27-294 mm
Depth transom	from 17.5-326 mm	from 17.5-326 mm	from 17.5-326 mm	from 17.5-326 mm	from 17.5-326 mm
Glazing rang	from 4-59 mm	from 4-59 mm	from 4-59 mm	from 4-59 mm	from 4-59 mm
Mullions rigidity	from 5.05-1831.5 cm4*	from 5.05-1831.5 cm4*	from 5.05-1831.5 cm4*	from 5.05-1831.5 cm4*	from 5.05-1831.5 cm4*
Transom rigidity	from .06-4092.13*	from 6.06-4092.13*	from 6.06-4092.13*	from 6.06-4092.13*	from 6.06-4092.13*

* There is a possibility to use additional reinforcements.