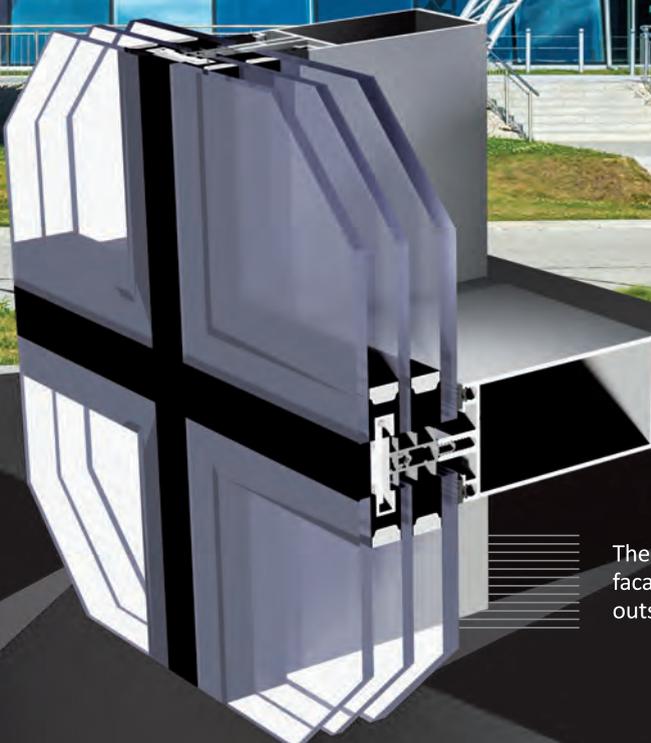


MCG

MC GLASS



The semi-structural facade system. It is used to design facade structures which create a flat surface on the outside without any visible aluminium profiles.

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MC GLASS includes curtain walls without any visible external aluminium elements. On the outside only glass infills separated by structural silicone gaps are visible. Glazing units have special profiled pockets and gutters in which mounting plates are installed to fasten infills to the curtain wall frame.

The system features very good thermal performance (UF starting at 0,66 m²K). Such a result can be obtained since innovative insulating materials are used.

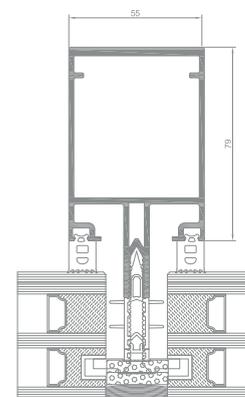
Mullion-transom visual width: 55 mm.

A wide range of mullions and transoms suitable for static requirements.

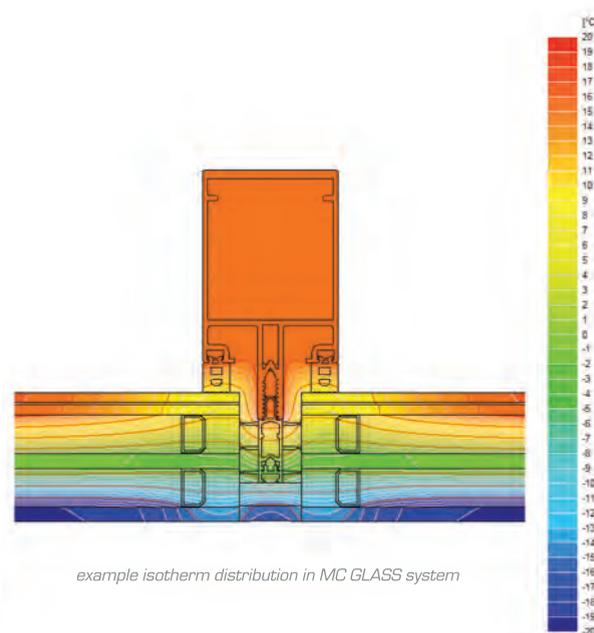
The facade makes it possible to obtain various appearance versions, in particular the so-called horizontal or vertical line.

A broad range of decorative cover caps makes it possible to obtain a modern and individual design of the facade.

A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour.



MC GLASS mullion cross section



example isotherm distribution in MC GLASS system

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH MULLION	DEPTH TRANSOM	GLAZING RANGE	MULLIONS RIGIDITY	TRANSOM RIGIDITY
MC GLASS	aluminium	10-326 mm /	10-294 mm /	4-59 mm	from 2,5-4092 cm ⁴ *	from 0,9-1831,1*

* There is a possibility to use additional reinforcements.

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
MC GLASS	Uf from 0,66 W/m ² K	Class AE1300; EN 12152	2000 Pa ± 3000 Pa; EN 13116 : 2004	Class RE1800; EN 12154

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