MC GLASS

aliplast
aluminium systems

curtain wall system

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
_ 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 m^2K); 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 wide range of decorative cover caps makes it possible to obtain a modern and individual design of the facade
_ a wide range of colours – RAL palette (Qualicoat 1518), texture colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodised colour (Qualanod 1808), bi-colour

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technical specification

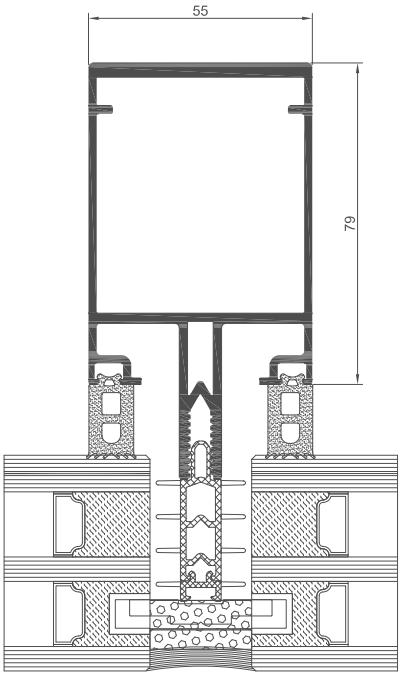
system	material	depth mullion	depth transom	glazing range	mullion rigidity	transom rigidity
MC GLASS	aluminium	10-326 mm	10-294 mm	30-89 mm	10,2-4092 cm4*	7,0-1831,1 cm4*

* There is a possibility to use additional reinforcements

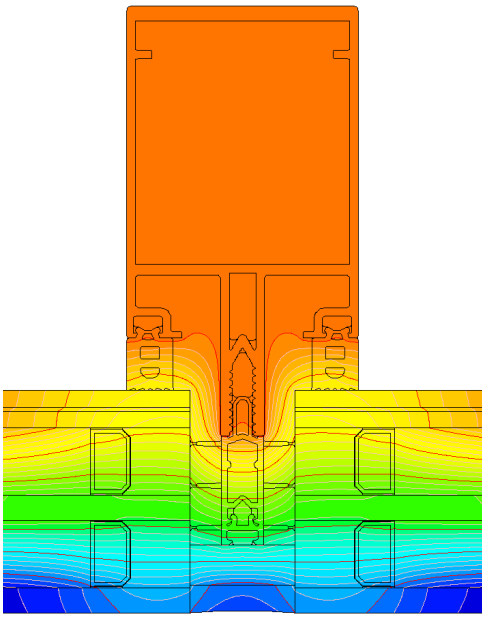
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
MC GLASS	Uf from 0,66 W/m^{2}K	Class AE1300; EN 12152	Class 2000Pa; EN 13116	Class RE1800; EN 12154

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



MC GLASS mullion cross section (MC413)



distribution of isotherms for the MC GLASS system (MC413)

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