MC WALL

aliplast
aluminium systems

curtain wall system

CERTIFIED
cradle to cradle
SILVER

MC WALL

_ a mullion-transom system used to design modern curtain walls whose shapes are simple and complex
_ the system is a basis for facade structures: MC PASSIVE+, MC GLASS and MC FIRE, MC GLASS FIRE (a solution for fire protection)
_ the MC Wall system offers many possibilities of creating the installation; the system offers structures to be opened on the facade: parallel windows (MC PW) and roof windows (MC RW)
_ mullion-transom visual width: 55 mm
_ a wide range of mullions and transoms suitable for static requirements
_ the insulators can be built accordingly to the infill thickness
_ application of vapour-proof and breather membranes on the perimeter of the facade is easier, in accordance with new guidelines for installation of aluminium structures
_ a wide range of decorative cover caps makes it possible to obtain varied visual effects on the curtain wall
_ the option of bending profiles (detailed specification of profiles and detailed technical parameters of profile bending process are available in the customer area of the website www.aliplast.pl)
_ 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	mullions rigidity	transom rigidity	acoustic
MC WALL	aluminium	10-326 mm	10-294 mm	0-89 mm**	10,2-4092 cm4*	7,0-1831,1 cm4*	45 (-2,-5) dB

* There is a possibility to use additional reinforcements

** MC Wall glazing of a flat profile MC055 from 5-89 mm / profile MC056 from 20-89 mm

performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
MC WALL	Uf from 0,84 W/m²K	Class AE1500; EN 12152	Class 2600Pa; EN 13116	Class RE1950; EN 12154

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

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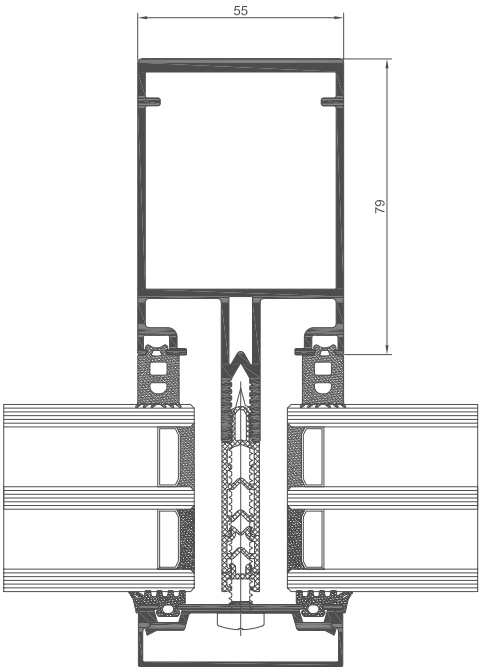
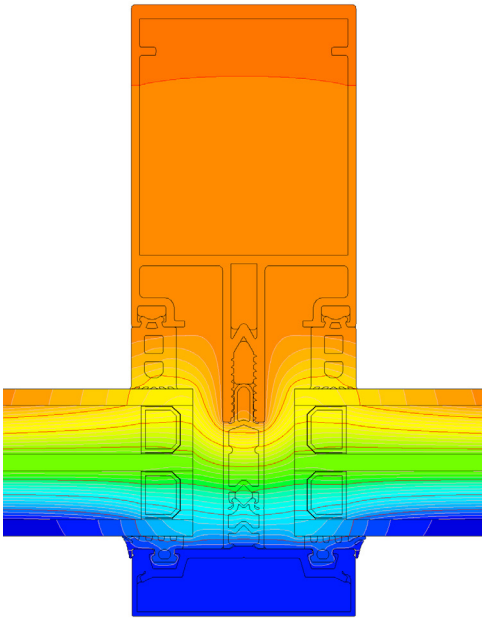


MC WALL mullion cross section (MC413)



distribution of isotherms for the MC WALL system (MC413)

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