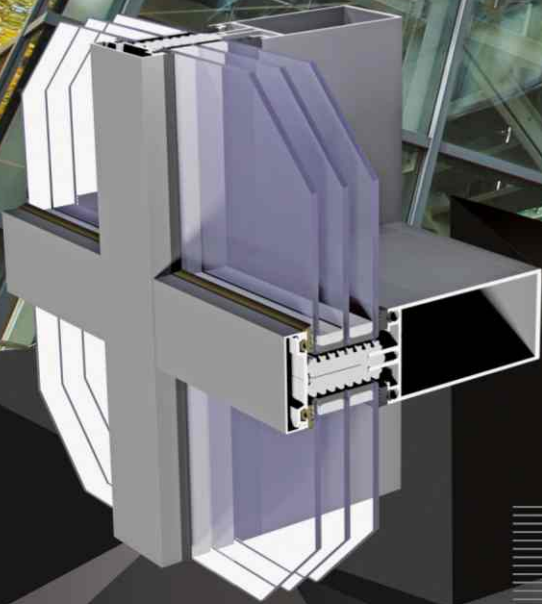


MCP +

MC PASSIVE +



A modern mullion-transom system used to design curtain walls whose shapes are simple and complex, with the best thermal performance ensured.

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MC PASSIVE+ offers basic features and possibilities available with MC WALL structures.

The improved thermal performance results from application of a new insulator made of innovative materials, which made it possible to obtain an even better heat-transfer coefficient – U_f starting at $0,61 \text{ W/m}^2\text{K}$. MC PASSIVE+ offers one of the highest technical parameters among aluminium facade systems available on the market to respond to needs of the energy-saving and passive building industry.

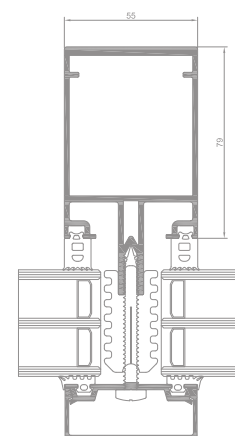
Mullion-transom visual width: 55 mm.

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

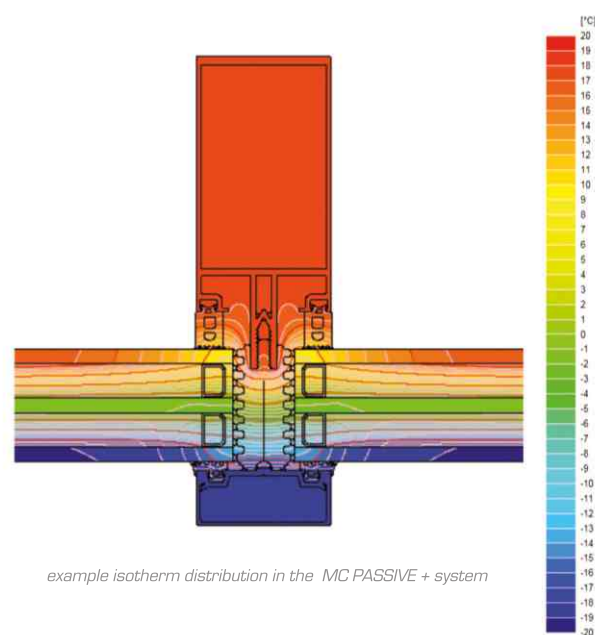
A wide range of decorative cover caps makes it possible to obtain a modern and individual design of the facade.

The option of bending profiles (detailed specification of profiles and detailed technical parameters of profile bending process are available in the authorisation zone of the website www.aliplast.pl).

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), anodized colour (Qualanod 1808), bi-colour.



MC PASSIVE+ mullion cross section



example isotherm distribution in the MC PASSIVE+ system

TECHNICAL SPECIFICATION

SYSTEM	DEPTH MULLION	DEPTH TRANSOM	GLAZING RANGE	ACOUSTIC	MULLION RIGIDITY	TRANSOM RIGIDITY
MC PASSIVE +	10-326 mm / 10-294 mm / 25-79 mm			45 (-2,-5) dB	from 10,2 - 4092 cm ⁴ *	from 7,0 - 1831,1 cm ⁴ *

* There is a possibility to use additional reinforcements.

PERFORMANCE

SYSTEM	THERMAL INSULATION U_f *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
MC PASSIVE +	U_f from $0,61 \text{ W/m}^2\text{K}$	Class AE1300; EN 12152	2600 Pa \pm 3900 Pa; EN 13116	Class RE1500; EN 12154

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