

MC PASSIVE +

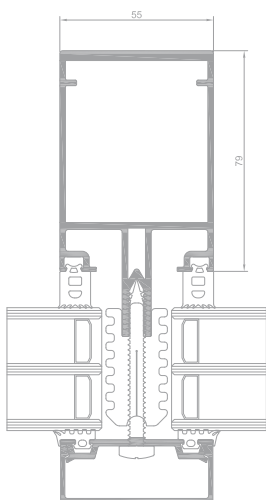
A modern mullion-transom system used to design curtain walls whose shapes are simple and complex, with the best thermal performance ensured.

The possibility of using double or triple glazing

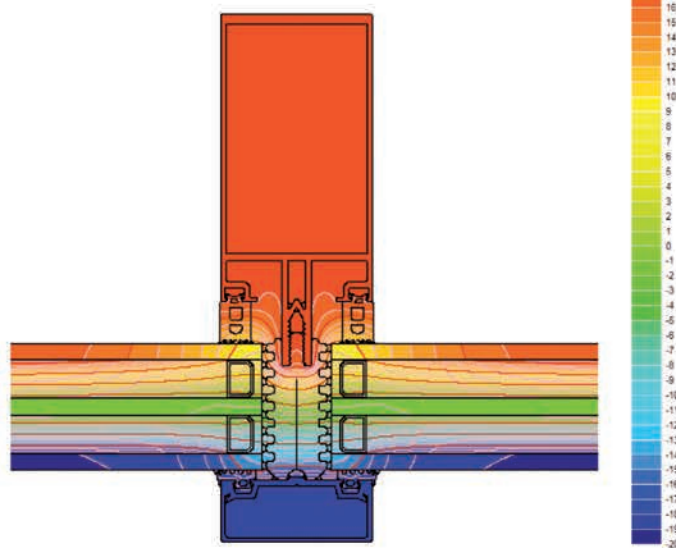
Thermal insulation which improves the thermal insulation of the section

A selection of painting options, between RAL palette (Qualicoat 1518), wood patterns Aliplast Wood Colour Effect (Qualideco PL-0001), anodized finish, also in bi-colour.

MC PASSIVE+



MC Passive + mullion cross-section



distribution of isotherms MC PASSIVE +

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- | A mullion-transom system used to design modern curtain walls whose shapes are simple and complex, with the best thermal performance ensured.
- | 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 customer area of the website www.aliplast.pl).
- | A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour.

TECHNICAL SPECIFICATION

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

* 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.