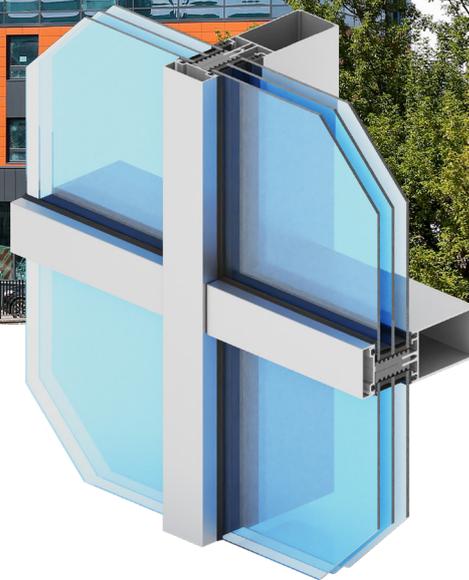




curtain wall system



MC PASSIVE+

- 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
- 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 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 $0,61 \text{ W/m}^2\text{K}$
- 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 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

curtain wall system

technical specification

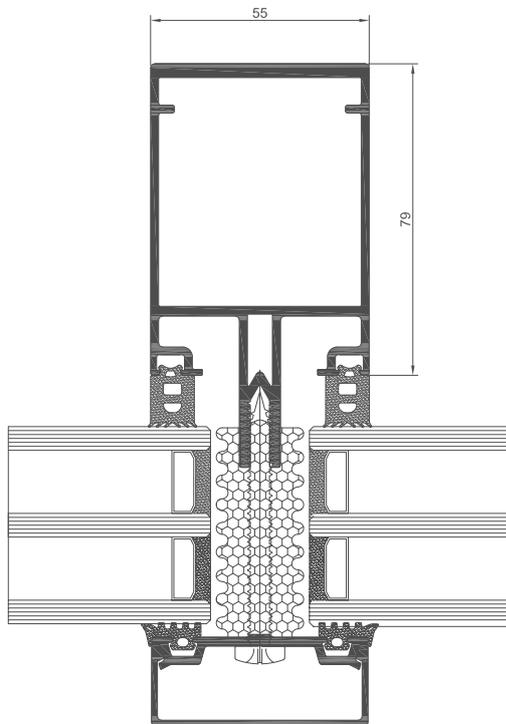
system	material	depth mullion	depth transom	glazing range	mullions rigidity	transom rigidity	acoustic
MCP+	aluminium	10-326 mm	10-294 mm	25-79 mm	10,2-4092 cm ⁴ *	7,0-1831,1 cm ⁴ *	45 (-2,-5) dB

* There is a possibility to use additional reinforcements

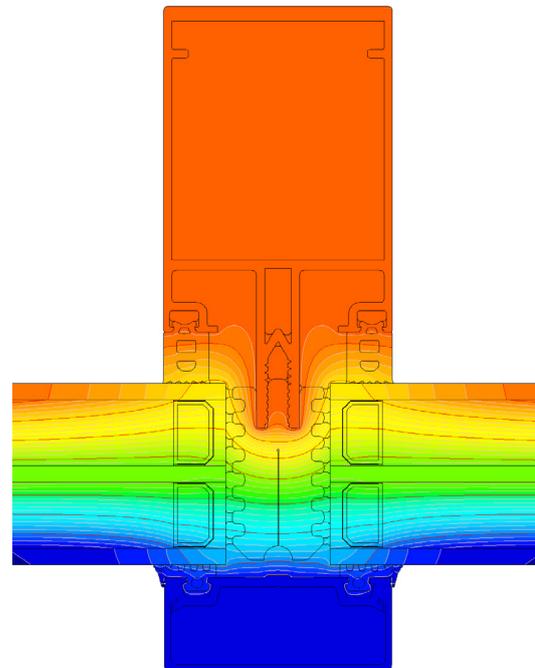
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
MCP+	Uf from 0,61 W/m ² K	Class AE1300; EN 12152	Class 2600Pa; EN 13116	Class RE1500; EN 12154

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



MC PASSIVE+ mullion cross section (MC413)



distribution of isotherms for the MC PASSIVE+ system (MC413)