

# MC PW

## PARALLEL WINDOW

**aliplast**  
aluminium systems



**curtain wall system**

### MC PW Parallel Window

- a parallel window system used to design windows which are positioned in parallel to facade when opened
- MC PW is a three chamber system with thermal insulation; it is optional to use additional insulating components to improve thermal aspects of the structure (under-glass inserts, inserts between thermal separators)
- the sash is moved outwards using special scissors mechanism adapted to that purpose; the arrangement of scissors mechanisms and their number depends on the window sash size and glass weight; the scissors mechanism can be used together with multi-point hardware locking points suitable for the overall dimensions, which significantly improves window tightness
- the window can be opened manually using two opposite handles or electrically by means of special servo-motors suitable for that purpose
- the system ensures optimum ventilation in the room; once moved out, the sash enables free airflow in both directions: inwards and outwards; compared to traditional windows, this solution offers more optimum air circulation and much better comfort of use
- the MC-PW windows can be designed as top-hung (the lower part is lifted outwards)
- with this solution, uniform appearance of the aluminium-glass wall can be maintained when the window is opened; when the sash moves on the facade, an interesting architectural effect is obtained
- 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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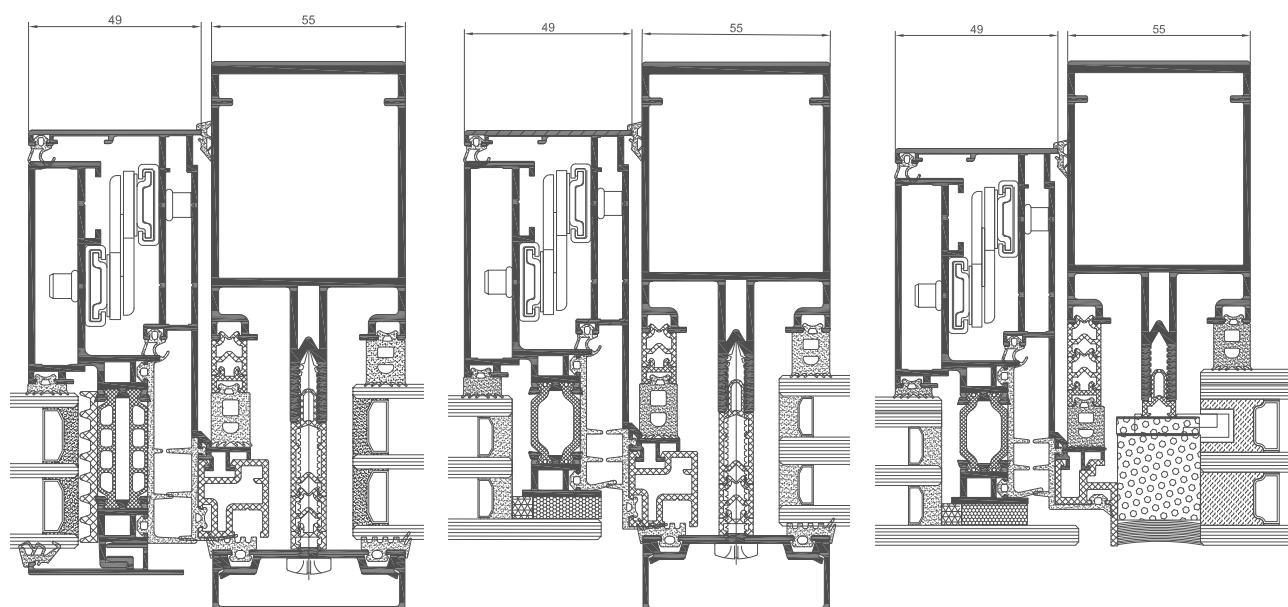
### technical specification

system	material	depth of frame	depth of leaf	glazing range	type of windows	type of glazing
MC PW	aluminium / polyamid	117 mm	98-115,3 mm	24-52 mm	parallel window	structural, glazing strip

### performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
MC PW	Uf from 1,65 W/m²K	Class 4; EN 12207	C5 (2000Pa); EN 12210	E2400 (2400Pa); EN 12208

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



MC PW cross sections MC PW  
(MC047 + MC143 + MC413 + MC144 + DK053)

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