

TM 82W HI - WINDOW AND DOOR SYSTEM WITH THERMAL INSULATION



TM
82W
HI

HIGH TIGHTNESS

TM 82W HI - SYSTEM FEATURES

TM 82W HI - provides simple and problem-free installation of large-sized glazings in various types of display windows and large glazed structures. It's a unique structure, without any equivalent offer on the market.

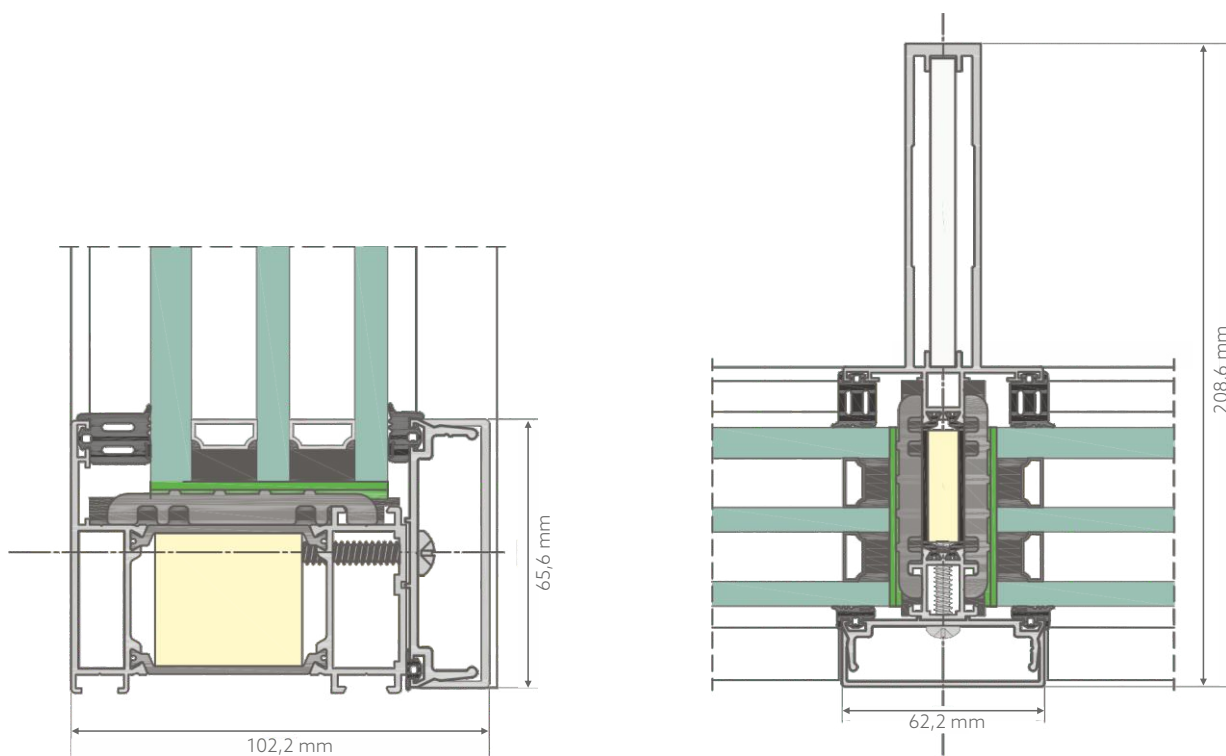
Perfect tightness parameters of the new solution have been confirmed during the construction tests carried out by the Building Research Institute in Warsaw.



Photo: Fabryka wełny, Pabianice
Design: Pracownia Projektowa Architektury Bogdan Niepsuj, Łódź
Aluminium manufacturer: Zimny Sp. z o.o., Łódź

ADVANTAGES OF THE SYSTEM

- glazing installation from the outside makes it easier to assembly even the largest possible glazing and to avoid the necessity of carrying the glass panes into the room,
- window structure - the weight of the glass pane is transferred perpendicular onto the profile, so the effect of transom twisting doesn't occur,
- perfect thermal insulation of this solution (U_w from $0,5 \text{ W/m}^2\text{K}$),
- possibility of installing triple-glazed glass panes , thickness up to 60 mm,
- max. sash weight 500 kg,
- due to clips and strips of the FA 50N system used on the outside the structure resembles visually resembles,
- system installation of windows and doors, including panel doors,
- the mullion is prepared, as a precondition, for the application of steel reinforcement in order to obtain better static parameters,
- the minimum quantity of new elements in the system and the possibility to use recognised and popular seals and connectors of other systems allows for optimisation of stock.



CROSS SECTION OF THE DOOR FRAME TM 82 W

CROSS SECTION OF CROSSPIECE TM 82 W

TECHNICAL PARAMETERS - TM 82W HI

Classification	00616/18/R202NZE
Air permeability	class up to 4 acc. to PN-EN 12207
Water tightness	E900 (900 Pa)
Wind load resistance	CE2400(2400 Pa) / BE2400 (2400 Pa)
Safety test	3600 Pa
Impact resistance	class 5 (950 mm)