

TM 62HI - WINDOW AND DOOR SYSTEM WITH THERMAL INSULATION



TM
62
HI



GOOD THERMAL INSULATION PROPERTIES

TM 62HI - SYSTEM FEATURES

TM 62HI is an aluminium system for manufacturing windows and doors requiring thermal insulation.

Improvement of insulation properties is also achieved by using extra under-glass elements in the space between the glass and the profile. This system meets the high requirements of crowded public buildings or residential buildings.

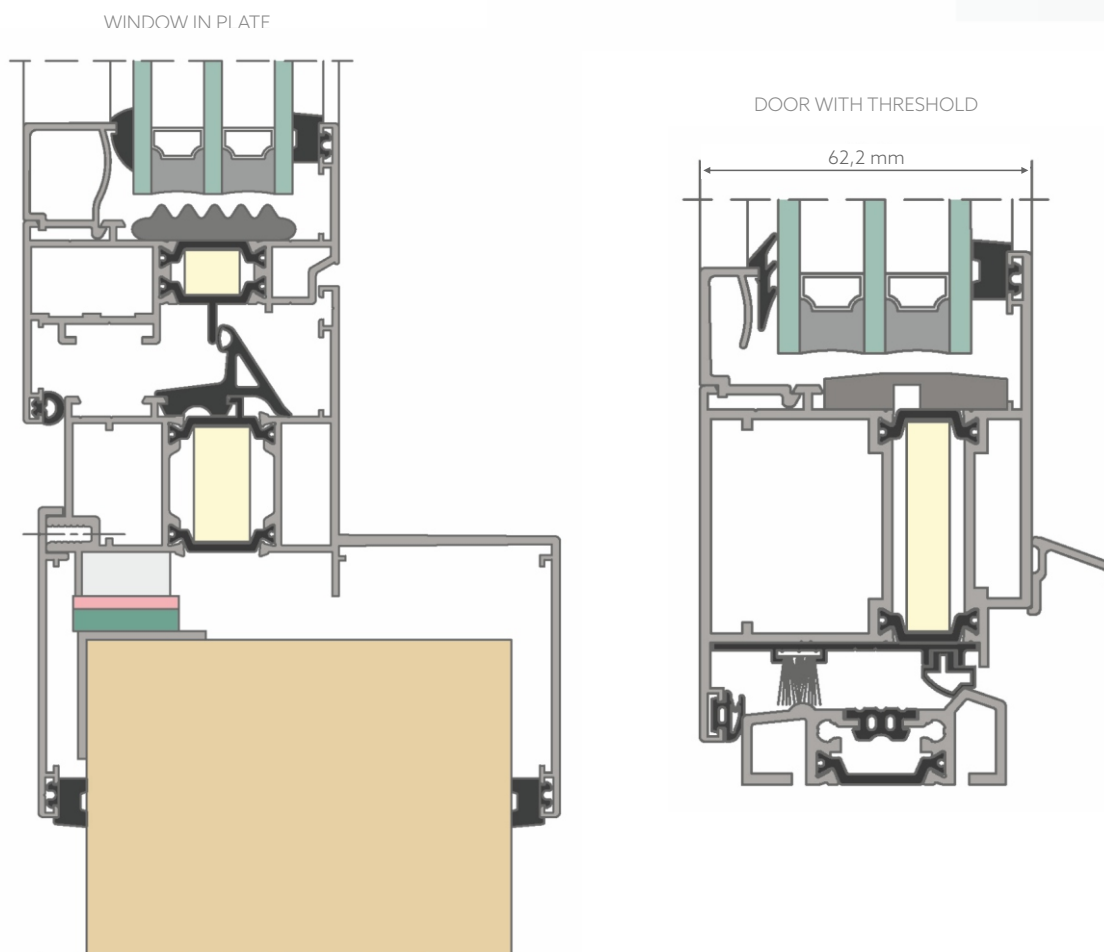
3-chamber construction of a profile and usage of an insulating material (polyurethane) between thermal separators has a positive effect on achieving low heat transfer coefficient.

Photo: Residential Estate Galeria Park, Warsaw
Design: KAPS Architekci, Warsaw
Aluminium manufacturer: MBB, Toruń



ADVANTAGES OF THE SYSTEM

- thermal parameters improved by 20-40% in comparison with TM 62 system,
- savings on energy that translate to heating costs reduction,
- possibility of using groove hinges and fittings, hidden in a groove, thus invisible,
- possibility of profile bending,
- possibility of combination with other Yawal systems.



TECHNICAL PARAMETERS - TM 62HI

	TM 62HI windows	TM 62HI doors
Air permeability	class 4 acc. to PN-EN 12207	class 2 acc. to PN-EN 12207
Water tightness	E1050 acc. to PN-EN 12208	3A acc. to PN-EN 12208
Heat transfer coefficient	1,3÷2,45 W/(m ² K) acc. to PN-EN ISO 10077-2	1,3÷2,45 W/(m ² K) acc. to PN-EN ISO 10077-2
Acoustic insulation	R _w = 35÷42 dB acc. to PN-EN ISO 140-3	R _w = 35÷44 dB acc. to PN-EN ISO 140-3
Anti-theft protection	RC2, RC3 acc. to PN- EN 1627	RC2, RC3 acc. to PN- EN 1627