

PANEL DOOR YAWAL PRESTIGE

Making decision on the purchase of entry door for home, one needs to consider that the role of the door has changed over the years.

The most important task remains to keep the interior of the home from intruders and cold. However, doors also create image of our home, that is why it is important that they make a coherent whole with the façade and windows.

Constructing a house, we may choose between wooden, steel, or aluminium doors. The latter have many values, which we may not be aware of when making the purchase.



ENERGY SAVING

Prestige Aluminium doors ensure warmth, safety, and comfort for those in the house. Very high levels of thermal insulation (U_f from 1,1 W/m^2K , U_w from 0,7 W/m^2K), as well as acoustic ($R_w = 33$ dB), and water tightness (class 7A) are achieved thanks to the triple-chamber construction of profiles, the application of the most modern thermal spacers, and a string of internal and external seals.

Prestige doors have an environmentally-friendly, complex structure. Thanks to this, they keep heat inside during the winter and ensure pleasant coolness during the summer, which lowers the costs of heating or air-conditioning.



Offer of Yawal includes panel door characterized by perfect thermal insulation, which is based on TM 77HI system.

We would like to invite you to familiarize yourself with our offer. 



TM 102HI PRESTIGE - FEATURES OF THE SYSTEM

TM 102HI PRESTIGE - is the latest system of Yawal company intended for manufacture of exclusive entry door for passive and energy saving houses and apartment buildings.

Panel door solution was developed on the basis of system offered by YAWAL company - TM 102HI. A 3-chamber structure of profiles and, most of all, modern solution for thermal insulation at the joint of the door frame and the leaf enables us to obtain the best thermal insulation parameters available on the market, which perfectly reflect market trends aiming at maximum energy-saving of offered solutions. It is also necessary to pay attention to high quality of materials used for manufacturing.

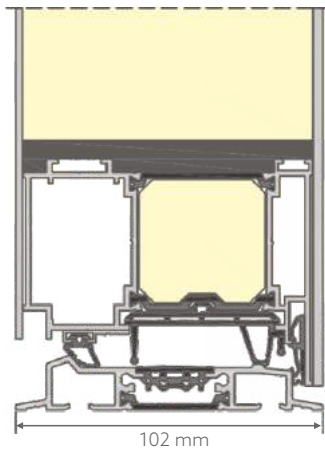
The system allows for designing modern entry door in all combinations, which enables the system connection with window structures and TM 102HI transoms.



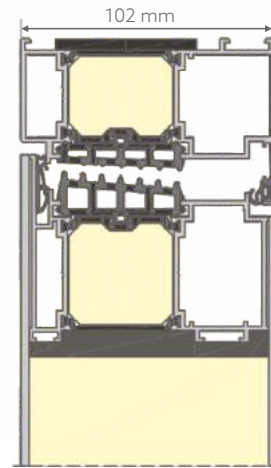
FEATURES OF THE SYSTEM

- best thermal insulation,
- a complete freedom of designing exclusive entry door regardless of combination,
- version with single-faced and double-faced panel,
- modern, multi-component central gasket at the joint between the door frame and the leaf,
- innovative, multi-point threshold gasket,
- quick and easy assembly,
- possibility of using panels with all possible designs, with decorative designs of stainless steel and with decorative cuts,
- possibility of combination with other YAWAL systems.

CROSS SECTION OF DOOR TM 102HI PRESTIGE - THRESHOLD SOLUTION



CROSS SECTION OF EXTERNAL DOOR TM 102HI PRESTIGE



TECHNICAL PARAMETERS - TM 102HI PRESTIGE

Air permeability	class 4 (600 Pa)
Water tightness	8A (450 Pa)
Wind load resistance	class 4 (1600 Pa)
Acoustics	34 dB
Vertical load resistance	class 4 (1000 N)
Resistance to static torsion	class 4 (350 N)
Resistance to soft body impact	class 4 (700 mm)
Heat transfer coefficient	Uf from 0,7 W/m ² K acc. to PN-EN ISO 10077-2

SYSTEM CHARACTERISTICS

Door structural depth	Frame profile	102 mm
	Leaf profile	102 mm
Panel thickness	50-102 mm	



TM 77HI PRESTIGE - SYSTEM FEATURES

TM 77HI Prestige is one of the top quality entry door systems for houses or apartment buildings.

This solution allows for assembly of leaves in the same plane as the door frame (leaf profile invisible) or single-faced. Thanks to 3-chamber system of thermal insulation and modern thermal separators, this product is characterised by excellent thermal properties and lack of thermal stresses resulting from differences in temperatures.

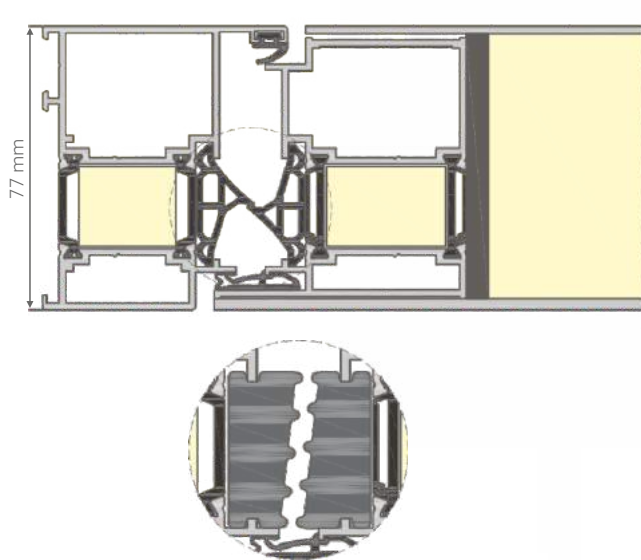
This system allows for lowering energy consumption, thus helping to reduce the heating costs. Panel door system solutions match the window system TM 77HI, so it is possible to create many constructions in various combinations.



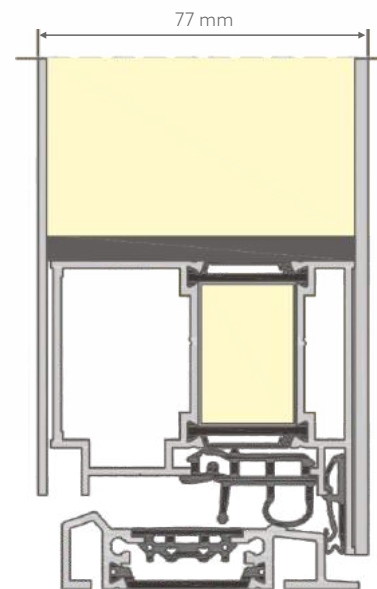
ADVANTAGES OF THE SYSTEM

- excellent aesthetics of the system due to hidden hinges, the product is available in many options:
 - with single - faced panel,
 - with double - faced panel,
- possibility of choice between type of insulation or central gasket,
- quick and easy assembly,
- possibility of using panels with all possible designs, with decorative designs of stainless steel and with decorative cuts,
- high thermal insulation properties,
- durable colour, easy to clean,
- great selection of colours - RAL palette, structural colours and wooden-like colours,
- possibility of combination with other Yawal systems.

CROSS SECTION OF EXTERNAL DOOR
TM 102HI PRESTIGE



CROSS SECTION OF DOOR TM 77HI PRESTIGE -
THRESHOLD SOLUTION



TECHNICAL PARAMETERS - TM 77HI PRESTIGE

Air permeability	class 4 acc. to PN-EN 12207
Water tightness	class 7A acc. to PN-EN 12208
Heat transfer coefficient	$U_f =$ from 1,1 W/m ² K acc. to PN-EN ISO 10077-2
Acoustic insulation	$R_w =$ 33 dB acc. to PN-EN ISO 140-3

SYSTEM CHARACTERISTICS

Door structural depth	Frame profile	77 mm
	Sash profile	77 mm
Panel thickness	30÷77 mm	

EXAMPLES OF PANEL DOOR YAWAL PRESTIGE

Offer of Yawal S.A. consists of 15 basic models of panel door (maximum size of panel 1250x2500 mm).

They may be customized by:

- possibility to choose the coating from RAL colours range, anodised surfaces, metallic colours, or structural effect, and traditional glazed panels, or panels imitating wood,
- properly selected fittings: hidden hinges, roller hinges, or surface hinges,
- door handles or pull handles made of stainless steel, plastics, or casted,
- all doors are equipped with internal handle made of stainless steel and external pull handle made of stainless steel,
- reach offer or sidelight and small windows,
- decorative application and millings made in panel door at the client's request. Scope of the milling is from 10 to 60 mm.



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