

TM  
**102**  
HI

PRESTIGE

## EVEN BETTER THERMAL PROPERTIES

### 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.

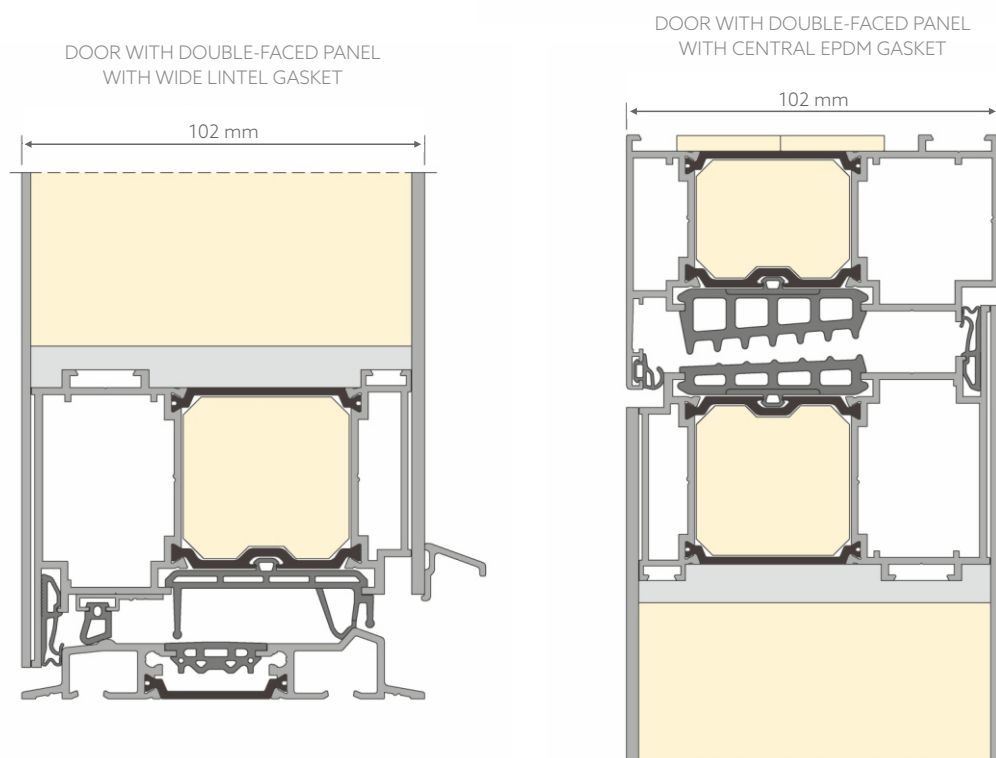
Panel door solution was developed on the basis of system offered by YAWAL company – TM 102HI. A 3-chamber structure of profiles and, most of all, modern solution for thermal insulation at the joint of the door frame and the leaf enables us to obtain the best thermal insulation parameters available on 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,
- depth of development 102 mm,  $U_d$  from 0,5 W/m<sup>2</sup>K – solution for passive houses,
- possibility of combination with other YAWAL systems.



## TECHNICAL PARAMETERS – TM 102HI PRESTIGE

Air permeability	class 4 (600 Pa)
Water tightness	8A (450 Pa)
Wind load strength	class 4 (1600 Pa)
Acoustics	34 dB
Resistance to static torsion	class 4 (1000 N)
Resistance to soft body impact	class 4 (350 N)
Heat transfer coefficient	$U_f$ from 0,7 W/m <sup>2</sup> 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	