



## Alu-clad windows

# Thermax

Inward opening windows



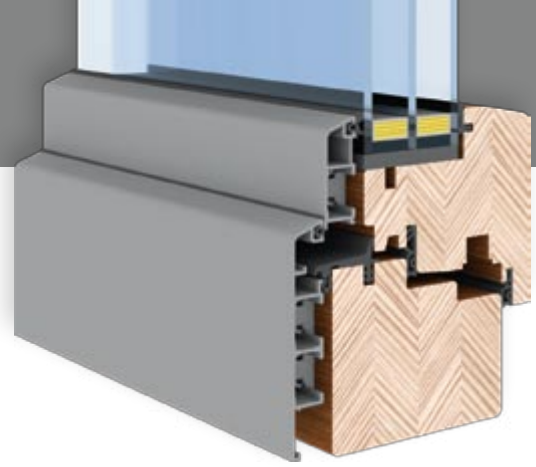
🇬🇧 THERMAX is an innovative alu-clad window system. The wooden part of the window is 88 mm thick.

THERMAX windows are protected by aluminum cladding available in many styles (classic, quadrat, retro, softline), what allows adjusting the final products to the style of destination building in which they will be installed. Standard THERMAX windows are equipped with a 3-pane glazing unit with the heat transfer coefficient  $U_g = 0.5 \text{ W/m}^2\text{K}$ .










Robust construction allows for producing big windows. Clever structure of the window and use of highly effective components allow to obtain an excellent insulation parameter for the reference window  $U_w = 0.8 \text{ W/m}^2\text{K}$ .

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 TECHNICAL DATA

	<b>Material</b>	Engineered fingerjointed pine, selected pine, meranti, oak, other on request, laminated.
	<b>U<sub>w</sub> value</b>	0.8 W/m <sup>2</sup> K (for test size window = 1230x1480 mm)
	<b>Glazing packages, U<sub>g</sub> value</b>	48mm (4-18-4-18-4), U <sub>g</sub> = 0,5 W/m <sup>2</sup> K / 54mm (6-18-6-18-6), U <sub>g</sub> = 0,5 W/m <sup>2</sup> K Glass package may be modified.
	<b>Air permeability</b>	Class 4
	<b>Watertightness</b>	Class 3A
	<b>Wind load</b>	Class C3
	<b>Fittings</b>	Roto NT; Siegenia Titan VV
	<b>Surface treatment</b>	Transparent colours based on current colour chart. Opaque colours based on RAL and NCS charts.
	<b>Aluminium claddings</b>	Powder coated colours based on RAL chart (by Qualicoat sign, licence number: 1515).

 DIMENSIONAL RANGE

 Hinge type	Min frame width	Max frame width	Min frame height	Max frame height	
				Windows	French door
Standard	450	1521	402	2450	
Concealed	577	1521	406	2450	
Power hinge	-	1300	-	3100	