

ThermAdor Residential

Insulated Sectional Garage Door

RESIDENTIAL DOOR SYSTEMS

Optional upgrade to Kingspan **THERMAsafe**:

NEW

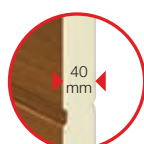
- **THERMAsafe** foam technology ensures the lowest thermal conductivity of any other sectional door panel on the market and provides the best performance in terms of thermal insulation
- **THERMAsafe** panel joints, with a double seal system, ensure a proper thermal break eliminating cold bridges where the panels join
- **THERMAsafe** side weatherseal eliminates thermal bridging created by contact with the building's cold surfaces and improves air-tightness
- **THERMAsafe** endcaps eliminate cold bridging between the internal and external side of the panel ensuring no cold bridging through the sides of the door
- **THERMAsafe** top and bottom profile greatly reduces air permeability and eliminates cold bridging



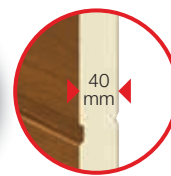
Europe's leading insulated sectional door

With **THERMAsafe** components, ThermAdor Residential offers even greater thermal performance and air leakage reduction making it:

- ★ 22% better thermal performance than any other sectional door – installed door U-value of 0.84-0.99 W/m²K
- ★ The **only** garage door to achieve Class 4 Air Permeability EN 12426
- ★ Maximum achievable Wind Resistance rating of Class 5 EN 12424



Colour Range



Georgian Woodgrain Embossed White RAL 9010

Narrow Ribbed Woodgrain Embossed White RAL 9010

Wide Ribbed Woodgrain Embossed White RAL 9010

Polygrain Smooth White RAL 9010

Narrow Ribbed Deep Matt Smooth Black RAL 9005

Wide Ribbed Deep Matt Smooth Black RAL 9005

Flat Deep Matt Smooth Black RAL 9005

Wide Ribbed Deep Matt Smooth Anthracite RAL 7016

Flat Deep Matt Smooth Anthracite RAL 7016

Georgian Woodgrain Embossed Golden Oak

Narrow Ribbed Smooth Woodgrain Golden Oak

Wide Ribbed Smooth Woodgrain Golden Oak

Georgian Woodgrain Embossed Mahogany

Narrow Ribbed Smooth Woodgrain Mahogany

Can be overpainted with your chosen RAL colour.

Performance Comparison

	ThermAdor Residential doors			ThermAdor Industrial doors		
Door opening mm (WxH)	2500 x 2000	3000 x 2125	4500 x 3000	3000 x 3000	4000 x 4000	4500 x 4500
U-value (W/m²K) for an installed door						
With Kingspan components	1.33	1.25	1.06	1.14	1.04	1.00
With Kingspan THERMAsafe components	0.99	0.94	0.84	0.89	0.85	0.83
Air Permeability EN 12426						
With Kingspan components	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
With Kingspan THERMAsafe components	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4
Wind Resistance EN 12424						
With Kingspan components	Class 5	Class 5	Class 5	Class 5	Class 5	Class 5
With Kingspan THERMAsafe components	Class 5	Class 5	Class 5	Class 5	Class 5	Class 5

Comparison table of the U-value for residential and industrial garage doors based on Kingspan FingerSafe panel (duo-shell) 40mm and **THERMAsafe** components.

Comparison table for air permeability for residential and industrial garage doors based on Kingspan FingerSafe panel (duo-shell) 40mm and **THERMAsafe** components. Air-permeability Δp at a pressure of 50 Pa [$\text{m}^3/\text{m}^2\text{h}$] - class 2 $\leq 12 \text{ m}^3/\text{m}^2\text{h}$ - class 4 $\leq 3 \text{ m}^3/\text{m}^2\text{h}$ loss of air through the door.

Comparison table for wind resistance class 5 $>1000\text{Pa}$.

With Kingspan **THERMAsafe** you achieve a sectional door with the best thermal performance U-value, the best air permeability and the best wind resistance class.

Full brochures available on request



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Due to our continuing policy of development and improvement, we reserve the right to alter and amend the specifications shown in this literature. All dimensions are nominal. We make every effort to ensure perfect colour reproduction, but owing to printing limitations, the colours shown may not match exactly. Actual product samples should be obtained from your door supplier.