



RESISTA MG

HIGH PERFORMANCE PIR INSULATION FOR RESIDENTIAL ROOFS

Insulation is the most practical and cost-effective way to make a building more energy efficient, keeping it cooler in summer and warmer in winter, and providing substantial savings in heating and cooling costs. Proper thermal insulation is also one of the key requirements for passive buildings, a construction concept that aims at reducing the overall ecological footprint of a building.

Of the many different insulation products available on the market, rigid polyisocyanurate (PIR) boards are among the most efficient in terms of thermal performance per millimeter. This means that a thin and lightweight PIR board can achieve an insulation value equivalent to other thicker, heavier insulation products.

Elevate's RESISTA MG insulation board consists of a closed-cell PIR foam core laminated on both sides to a gasopen mineral glassfibre facer. It provides outstanding and stable thermal resistance, dimensional stability and compressive strength, which translates into a long lasting superior performance.

RESISTA MG is specially designed for use with fully adhered Elevate RubberCover EPDM single-ply roofing membranes.



Scan the QR code
and access:

- Technical information sheets
- Installation guidelines
- And much more!

PRODUCT DETAILS*

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	R-VALUE (m². K/W)	m² PER BUNDLE	m² PER PALLET
25	600	1,200	0.90	8.64	155.52
50	1,200	1,200	1.85	8.64	77.76
60	1,200	1,200	2.20	7.2	64.8
80	1,200	1,200	3.20	5.76	46.08
90	1,200	1,200	3.60	4.32	34.56
100	1,200	1,200	4.00	5.76	34.56
120	1,200	1,200	5.00	5.76	28.8
130	1,200	1,200	5.40	4.32	25.92
140	1,200	1,200	5.80	2.88	25.92
150	1,200	1,200	6.25	2.88	25.92
100	1,200	2,400	4.00	5.76	34.56
120	1,200	2,400	5.00	5.76	28.8
EDGE FINISHING	Straight				
THERMAL CONDUCTIVITY	25 mm – <80 mm: 0.027 W/m.K 80 mm – <120 mm: 0.025 W/m.K 120 mm – ≤150 mm: 0.024 W/m.K				
COMPRESSIVE STRENGTH	>150 kPa				
DENSITY	30–32kg/m³				
TENSILE STRENGTH	TR80				
REACTION TO FIRE	Euroclass F according to EN 13501-1				

* Please contact your local supplier to check availability.



Superior thermal resistance

The board’s foam formulation, combined with a gasopen mineral glassfibre facer, results in outstanding thermal performance.



Optimum compatibility

The mineral glassfibre facer affords optimum adhesion performance when using Elevate fully-adhered single-ply roofing membranes.



High compressive strength

Good walkability. Excellent choice for roofing applications where dead and/or live loads are expected.



Total roof system

Single point supply provides peace of mind for all layers in the roof system – waterproofing, insulation and vapour control layer – with a product warranty covering all layers.



Safe and easy handling

Easy to cut and handle. Boards do not have sharp edges.



Lightweight

Easy to transport, hoist and install. Helps reducing the total weight of the roof and reduces installation time and costs.



Durable

When installed correctly, it will last for the lifetime of the building.



Environmentally-friendly

The foam technology uses a HCFC-free blowing agent with a low Global Warming Potential (GWP).