



Maukatherm TiQ+

Standing seam roof
insulating system

Sleek design &
Smart installation

Maukatherm T iQ⁺

Standing seam roof insulating system

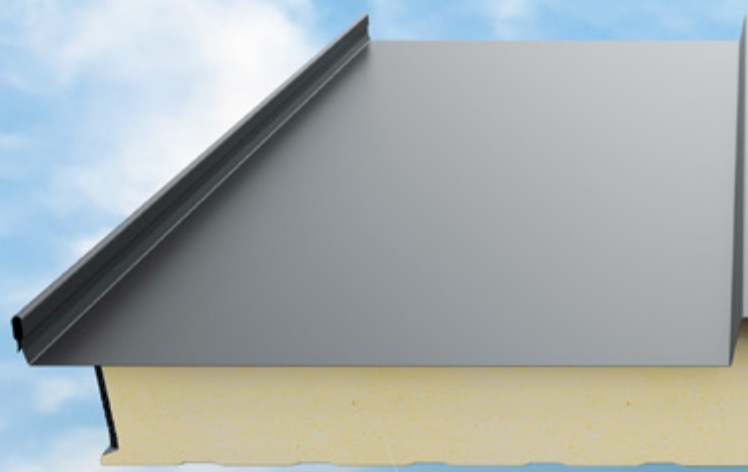
The new-generation Maukatherm T iQ⁺ sandwich panel and all its accessories is a striking blend of three distinctive elements – a sleek and attractive aesthetic, a pre-assembled system, the use of our proprietary foam iQ⁺ System[®] developed in our laboratories – and delivering excellent thermal performance.

As with all our products, all the components of the new system have been designed by our R&D teams and manufactured in house. We ensure that we can work with our customers at every phase of their project and guarantee high quality results throughout.

Maukatherm T iQ⁺ is an aesthetic standing seam roof insulating panel which makes it a unique solution on the market.

The concealed fastening system is designed to ensure fast and simple installation and provide a smooth and elegant finish.

This innovative panel is available in two thicknesses — 70 mm and 100 mm — for a cover width of 1000 mm and a standing joint pitch of 500 mm. In addition, lengths of up to 12 m are available, giving you a range of options to choose from to suit the specific requirements of your project.



8737
Shadow

86E2
Antique green

6719
Macadam

8906
Ouragan

68T2
Alezan

8804
Kupari

8750
London

8905
Tuxedo

The three key benefits



Attractive solution for the most demanding roof architectures

iQ⁺
SYSTEM



Maukatherm T iQ⁺ is a brand-new, sleek panel system designed for roof cladding of residential housing and public buildings with a minimum roof slope of 5%.

The attractive aesthetics make this standing seam roofing system an ideal fit for the architectural needs of new housing projects. It can also be used for the renovation of existing buildings, especially in urban areas where high technical and quality standards need to be met. The smooth outer finish is both elegant and discreet, allowing this modern solution to blend seamlessly with traditional architecture.

In addition, it features a unique fastening system designed by our innovation team which delivers a smooth, concealed finish that enhances the elegance of the overall envelope.

Maukatherm T iQ⁺ is available in our Hairexcel[®], R'unik and Tectova[®] coatings in a carefully selected range of colours, designed to complement the specific aesthetic demands of the European property market and the new trends in architecture inspired by the old-world French elegance of Haussmann-era buildings.

67T1
Fryslan

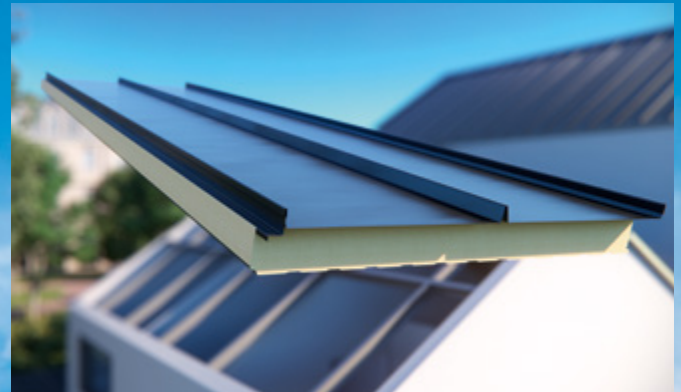
Benefits of the Maukatherm T iQ⁺ panel



High thermal performance



Fast, simple and smart installation



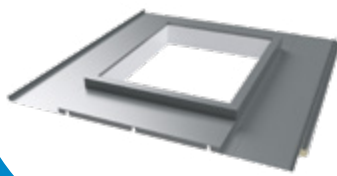
Maukatherm T iQ⁺ incorporates the latest innovation from our research laboratory: a new generation of proprietary, high performance insulation foam called iQ⁺ System[®]. The thickness of the Maukatherm T iQ⁺ is optimised for U_p-values of 0.29 and 0.20 W/m².K.

The design of the interlocking and joints allows for to drastically reduce thermal bridges and significantly improve air and water tightness.

This technology is an integral part of Maukatherm T iQ⁺, therefore it is possible to reduce the energy requirements of the building and make a positive environmental impact, while also improving the comfort and well-being of the occupants.

The Maukatherm T iQ⁺ panel is a warm roof system in which the standing joint type profile, the roof boarding, the rafters, the thermal insulation and the vapour barrier all come pre-assembled. This makes it quicker and easier to install than the multi-component, ventilated roof, standing seam systems currently available on the market.

The Maukatherm T iQ⁺ system is around 2.5 times quicker to lay than a standard zinc standing seam roof.



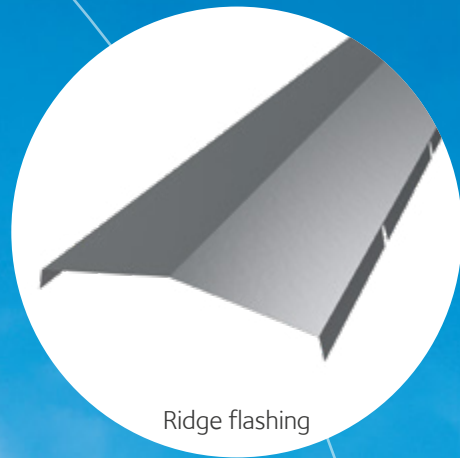
Rooflight soaker



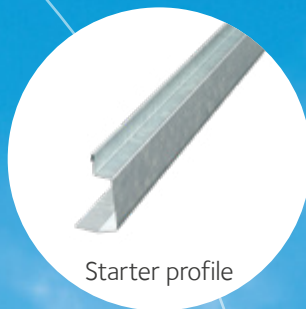
Eave closure



Ridge filler blocks and shroud



Ridge flashing



Starter profile



Verge flashing

Always by your side

Our sales and technical teams are always on-hand to provide advice and support at every phase of your project. A wide range of accessories have also been developed to combine easily with Maukatherm T iQ+.



Panel features

Nominal thickness of the panel (mm)

		70	100
Aesthetic	Exterior cladding appearance	Standing seam	
	Interior cladding appearance	Profiled	
Dimensions	Steel sheet thickness exterior / interior (mm)	0,60 / 0,50	
	Maximum overall length (mm)	12 000	
Weight	(kg/m ²)	12,65	13,84
	Thermal conductivity λ (W/m.k)	0,019	
Thermal performances	Thermal transmittance U_c (W/m ² .k)	0,273	0,189
	Heat loss ψ (W/m.k)	0,014	0,006
	Heat loss coefficient U_p (W/m ² .k)	0,287	0,195
	Thermal resistance R (m ² .k/W)	3,523	5,151



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