

Installing PV systems on tiled roofs

AEROCOMPACT launches new roof hook system with sheet metal replacement tile

Satteins, Austria, 1 April 2022. Owing to their shape, conventional roof hooks for tiled roofs can only transfer limited loads into the roof substructure. The new XM-P series from the manufacturer of PV mounting solutions AEROCOMPACT, however, can transfer higher loads by combining roof hooks and sheet metal replacement tiles. Thanks to its design, the heavy-duty stainless steel bracket can be positioned directly in the direction of force on a purlin and can withstand snow loads of up to 4.7 kN.

It can be screwed through the metal roof tiles into the rafters below with two wood screws. The roof hook can be moved on the pantile, allowing it to be optimally positioned above the rafter.

Suitable for all batten heights

A suspended support base transfers the forces of the roof hook into the rafter. Thanks to its stepped interlocking system, one can adjust the support base to the height of the roof batten without needing any tools. "Our system works for all batten heights on pitched roofs, so there is no need to use different roof hooks", says Christian Ganahl, CTO at AEROCOMPACT, explaining the advantages of the mounting solution. The load is applied to the substructure in the shortest possible path, thus enabling maximum stability.

No need to process the roof tiles

"With the help of our XM-P roof hook system, several work steps can be saved during installation", is how Christian Ganahl explains another advantage. Installers do not need, for example, angle grinders to process or prepare the tiles on the roof because AEROCOMPACT can provide stainless steel replacement roof tiles made of sheet metal for almost all standard roof tiles on the market. Thanks to their high fitting accuracy, these tiles can be connected exactly to the neighbouring roof tiles.

The roof hook can be easily connected to AEROCOMPACT's X40/X50 mounting rails. The solar modules are attached with the click clamp, which has an integrated earthing pin. If all system components are used, the roof hook system is CE certified. AEROCOMPACT has stored the data for its new hook system in the planning and engineering software AeroTool. The company provides a 25-year warranty.

AEROCOMPACT at Intersolar Europe

At Intersolar Europe, which will take place in Munich from 11 to 13 May 2022, AEROCOMPACT will present its solutions at stand A6.180.

About AEROCOMPACT

AEROCOMPACT was founded in 2014 in Austria and the USA. The company produces and sells PV mounting solutions for flat roofs, pitched roofs and metal roofs, as well as for ground-mounted systems. The company has locations in Austria, the USA and India and an additional 14 sales offices around the world. In total, the company employs around 100 people worldwide.

A PDF of the press release and images can be found at the following link:

https://pressedownload.pr-krampitz.de/20220401_AEROCOMPACT_EN.zip

Caption: Installed in just a few steps: The XM-P roof hook system from AEROCOMPACT simplifies the installation of PV systems on pitched roofs with tile roofing.

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Publisher:

Aerocompact Europe GmbH
Herr Klaus Mathis
Head of Global Marketing & Communication
Gewerbestraße 14
6822 Satteins
Austria
Tel. +43 (0) 5524 225 66
klaus.mathis@aerocompact.com
<http://www.aerocompact.com>

Press contact:

Krampitz Communications
Iris Krampitz, Marie-Theres Demmer
Tel. +49 (0)221 912 49949
E-mail: contact@pr-krampitz.de