

Roof hooks for metal shingles (for example Prefa)

product sheet

- Optimal load transmission for roofs with metal shingles
- High-value materials (VA 1.4301 and EPDM)
- Quality made in Bavaria



Description

Starting from roof inclinations of 12 degrees, quite often Prefa roof coverings are the solution of choice. In order to safeguard a safe, simple and cost-efficient installation, Schletter offers the **roof hook for metal shingles**. The dimensions were chosen in such a manner that the hook can be used with all currently available Prefa metal shingles. In order to even out height differences of the roof surface, for example in case of new roof coverings, just select the V design (Vario).

A safe and evenly distributed transmission of the loads that impact the modules is half the battle. Due to the contact area on the lower bar right above the rafter, the roof hook has an optimal structural load-bearing capacity, without having many design-related bendings that would weaken the hook. The roof covering will not be damaged under load.

Optionally, you can glue an EPDM sealing layer under the roof hooks. Like this, you can prevent any leakage problems caused by the fastening of the wood screws through the boarding into the rafter.



EPDM sealing rubber - is simply glued under the hook



When a new roof is covered with metal shingles, the roof hook can be used on the entire roof almost without restrictions. At overlaps, the shingles have to be made accessible, accordingly (see mounting information).

Mounting information



When a roof is covered and a solar plant is installed at the same time, lay the shingles as usual and equip them with roof hooks. The sheet metal seam has to be recessed at the points where the hooks will be placed.



...if required, apply an EPDM sealing layer...



...and fasten the wood screws. The sheet metal can be strained without breaking...



...in order to prevent pressure marks caused by the screw heads, you can bend the lower edge of a sheet metal plate that is cut to fit under the seam of the shingle and nail the upper part of the metal sheet over the hook...



...and the next row of shingles can be laid...



Please note: Do not put any loads on corrugations and seams of the shingles! If a direct fastening to the rafter is not possible, we recommend screwing wooden parts to the side of the rafter and to fasten the roof hooks to these wooden parts.

Please consider the following items

In case of a later installation of a photovoltaic plant, a fastening is only possible in the middle of the shingle and not at the seams due to the complex and tight arrangement of the shingles.

Technical data

Material	Stainless steel 1.4301
Structural analysis	Schletter system structural analysis, according to DIN 1055, part I, part IV, part V
Item number	
102001-000	Roof hooks for metal shingles (simple), Length 235 mm, Height 75 mm, Width 30 mm, Thickness 5 mm
102001-001	Roof hooks for metal shingles V (Vario), Length 235 mm, Height 60-90 mm, Width 30 mm, Thickness 5 mm
102001-002	Roof hooks for metal shingles, Length 160 mm, Height 75 mm, Width 30 mm, Thickness 5 mm
Application	To be used with roof coverings made of metal shingles. If required, please ask the manufacturer
Please note	Please make sure to choose the right wood screws and the correct engagement lengths into the substructure. If you have any questions regarding the roof covering, please contact the respective system manufacturer.

System prices can be obtained quickly and easily with our auto-calculator!
Further information and declaration of guarantee at www.schletter.eu

*in accordance with the respective Product Sheet and with our General Terms and Conditions of Sale and Supply (www.schletter.de/AGB_en)
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