



PIPE-STYLE SNOW GUARD SYSTEM

INSTALLATION INSTRUCTIONS

10 GOOD REASONS FOR CHOOSING PREFA

- ! STORM-PROOF
- ! RUST-PROOF
- ! BREAK-PROOF
- ! LIGHT
- ! BEAUTIFUL
- ! COLOUR-FAST SURFACE
- ! GREAT FOR RENOVATIONS
- ! COMPLETE SYSTEM
- ! ENVIRONMENTALLY FRIENDLY
- ! 40-YEAR GUARANTEE



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THE MAJOR ADVANTAGE

The pipes are simply inserted into the snow guard brackets and fastened by means of fixing slides. The pipe-style snow guard brackets are attached to the roof covering by means of two mounts. The pipes are then connected together with sleeves. The pipe-style snow guard system can also be installed at a later stage.

TECHNICAL DETAILS

Made of powder-coated, high-strength aluminium alloy, composed of two mounts with surface sealant, pipe-style snow guard brackets and fixing slide, including fixing material.

Note: fully boarded substrate must be mounted in the area in which you intend to install the snow guard brackets. If installed on battens, an additional sheathing with an equal thickness must be fixed onto the battens in the mounting area (this should cover the width of at least three rafters).

DIMENSIONS

Bracket (H × W × D): 205 × 50 × 300 mm
Mount: 87 mm (outer diameter)

H: 14 mm

Height of top pipe opening: 200 mm

Bracket height (including mounts): 219 mm





PIPE-STYLE SNOW GUARD SYSTEM INSTALLATION INSTRUCTIONS



1 2 POSITIONING THE MOUNTS

Mark the centre of the rafter. The clearance between the top mount (outer edge) and the seam above should be at least 10 mm. The spacing between the two mounts must be exactly 145 mm (see illustration).

To install the bracket on the rafter, the drill holes (\varnothing 8.5 mm) must be positioned in the axis of the snow guard bracket (along



the rafter) and the fixing screws must be positioned in the axis with the rafter. Remove the protective film from the mounts, position them on the tile and glue them in place.

Note: the mounts must not be installed or attached on a seam or crest of the PREFA roof covering. It may be necessary to install a base plate (e.g. if a seam or crest is lying above a rafter).



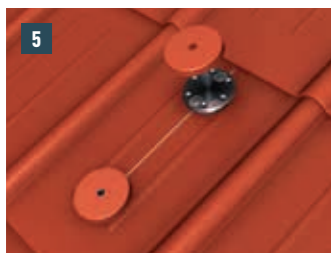
3 PRE-DRILLING THE SUBSTRUCTURE

Pre-drill the screw hole in the substructure with a drill bit of \varnothing 4.1 mm. Drilled depth: approx. 50 mm.



4 FIXING THE MOUNTS

Attach each mount to the rafter using two 8×220 mm fixing screws (on a double-skin structure) or two 8×120 mm fixing screws (on a single-skin structure) until the surface sealant is pressed onto the roof covering or substructure (drill bit: Torx TX40).



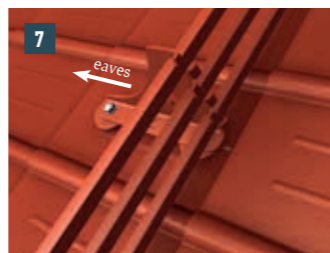
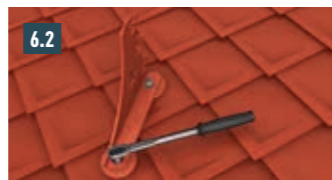
5 FITTING THE PROTECTIVE CAPS

Fit the protective caps onto the mounts.



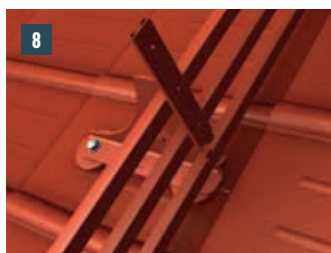
6 INSTALLING THE SNOW GUARD BRACKET ON THE MOUNTS

Fix the snow guard bracket onto the mounts and, using a 19 mm torque wrench, tighten the two hex-head screws (M12) to a torque of ~ 35 Nm on roof tiles, shingles (fig. 6.1), rhomboid roof tiles (fig. 6.2) and FX.12 (fig. 6.3).



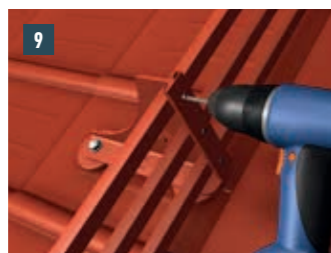
7 FITTING THE PIPES

Insert the snow guard pipes into the corresponding recesses in the mounted bracket.



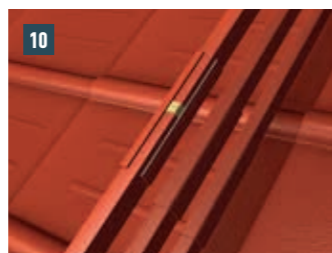
8 SLIDING ON THE LOCKING PROFILE

After inserting the 3 pipes, slide the locking profile from above onto the bracket (with the pre-drilled hole at the bottom).



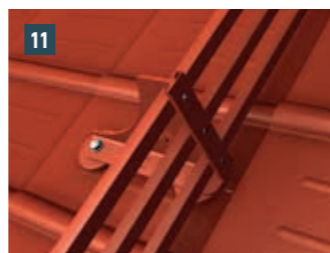
9 ATTACHING THE PIPES

Attach the pipes to the centre of the locking profile using the 4.8×19 mm TX25 self-tapping screws supplied (one screw for each snow guard pipe) to prevent the pipes from moving sideways and to allow the profile to expand to the left and right.



10 CONNECTING THE PIPES

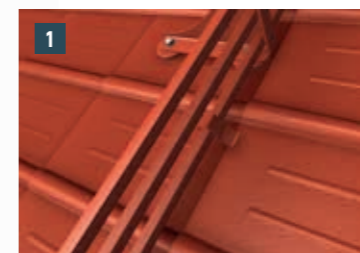
Connect the pipe joints using the connection sleeves supplied. The connecting elements feature a foam component which allows for longitudinal expansions caused by increased temperatures.



11 FULLY INSTALLED SYSTEM



ICE-RETENTION BRACKET INSTALLATION INSTRUCTIONS



1 CLAMP THE ICE-RETENTION BRACKET ONTO THE PIPE

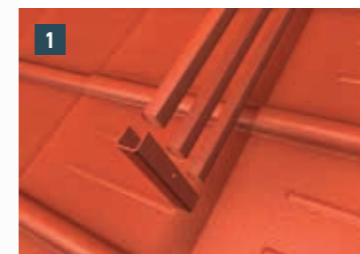
(approx. 4 per metre)



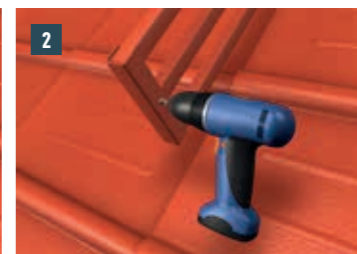
2 FASTEN THE ICE-RETENTION BRACKET USING THE FASTENING SCREW SUPPLIED WITH THE BRACKET



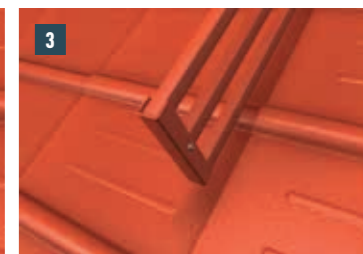
3 FULLY INSTALLED ICE-RETENTION BRACKET



1 PUSH THE END PIECE ONTO THE PIPE-STYLE SNOW GUARD SYSTEM'S PIPES

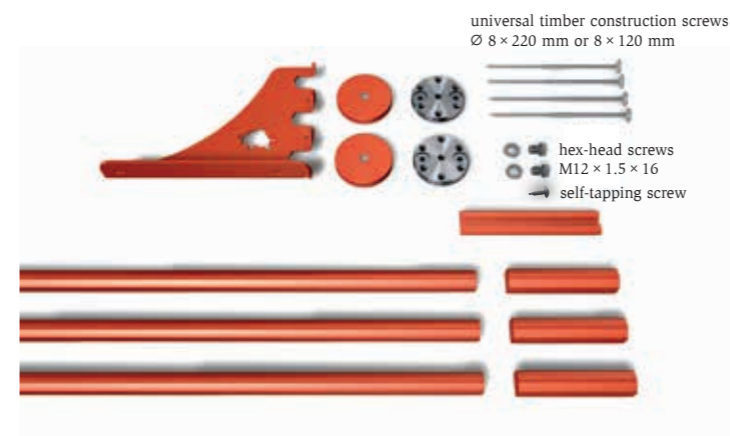


2 FASTEN THE END PIECE USING THE FASTENING SCREW SUPPLIED WITH THE BRACKET



END PIECE INSTALLATION INSTRUCTIONS

EQUIPMENT REQUIRED:



TOOLS REQUIRED:



During installation, observe PREFA's installation instructions and the current professional standards and safety regulations.