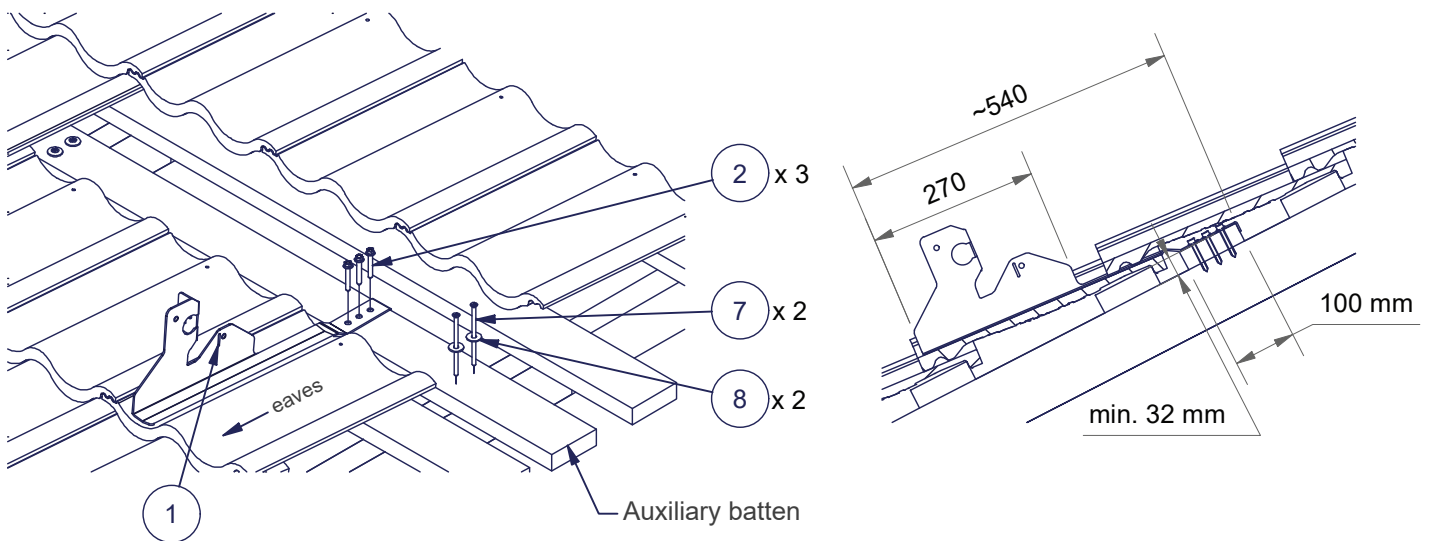


Pisko roof walkway for tile roofs Bracket for tile roof (aux. batten) 150 Compact

INSTALLATION

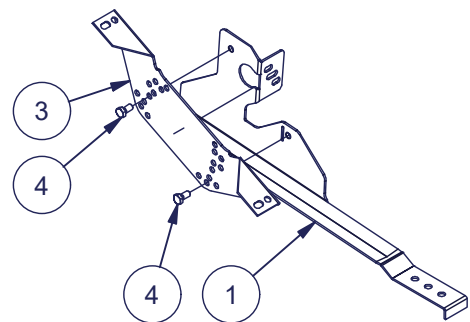
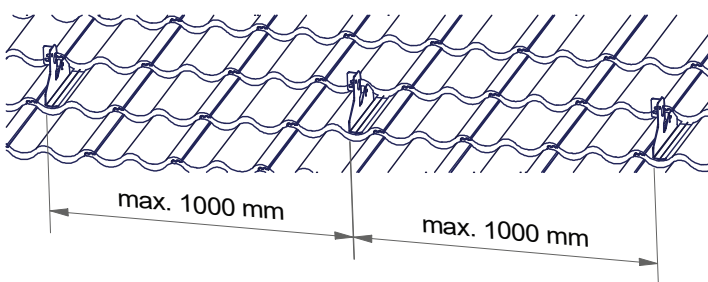
The Bracket for tile roof 150 Compact (1) are attached to the roof structure by using an auxiliary batten. A 100 mm wide full-edged auxiliary batten is installed between the battens. The auxiliary batten must be at the same thickness as the batten (min. thickness 32 mm).

- The auxiliary batten is fixed to each roof chair with two 6x120 mm screws (7) and a DIN 440 M8 washer(8).
- The auxiliary batten must be fixed to at least three roof trusses.
- The distance between the auxiliary batten and the lower end of the bracket is approximately 540 mm.
- The edge of the bracket should be positioned approximately in line with the bottom edge of the tile, so that the load transmitted by the edge is placed on the most durable part of the tile. Please refer to the tile manufacturer's instructions.
- The bracket (1) is fixed to the auxiliary batten with three 7 x 50 mm HVAC screws (2), drilling a pre-hole is recommended to prevent the batten from slitting.



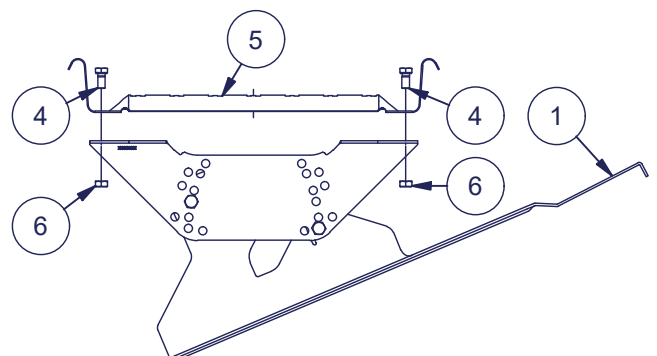
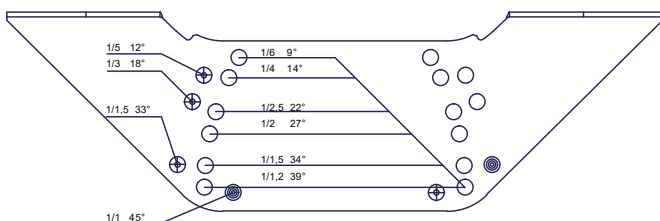
Always use at least three bracket per continuous length.
Distance between brackets max. 1000 mm

Attach the inclination adjustment plates (3) with two M8x16 screws (4) to the bracket (1).

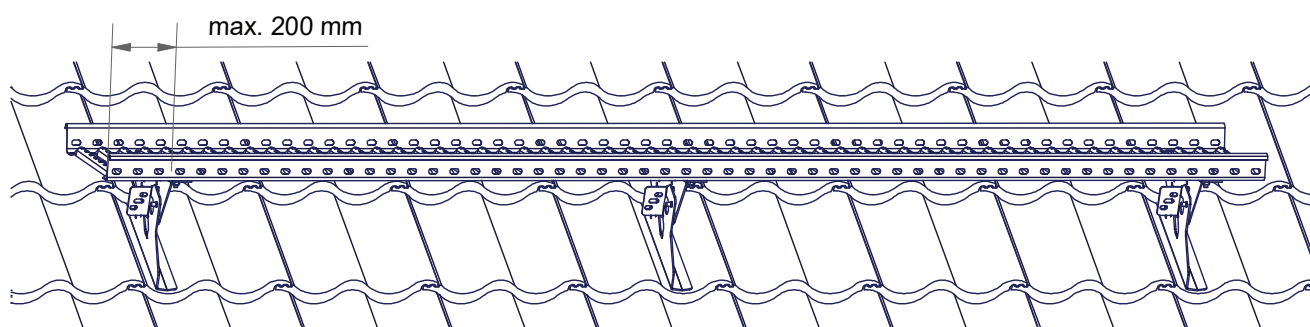


Use the slope adjustment plates to adjust the roof walkway to the horizontal level. The most common roof pitches and corresponding holes are shown in the figure.

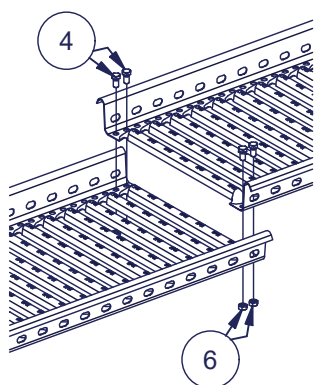
Attach walkway (5) to each adjustment plate (3) with two M8x16 bolts (4) and two M8 nuts (6).



Maximum protrusion of the roof walkway from the outermost bracket is 200 mm.



The extension of the walkway shall be done by overlapping and securing the connection from both sides with two M8x16 bolts (4) and M8 nuts (6).

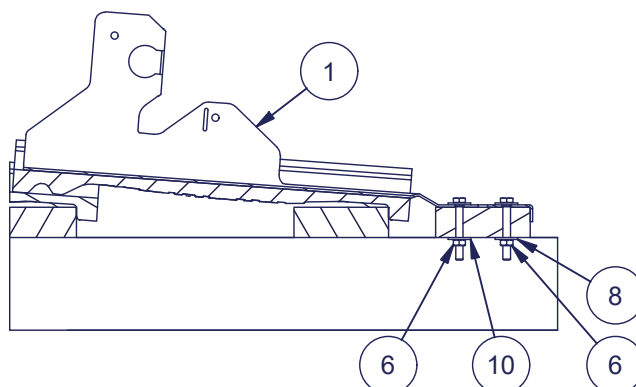
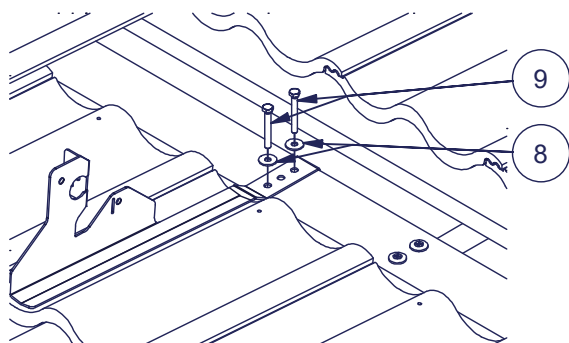


Part	Description
1	Bracket for tile roof (aux. batten) 150 Compact
2	HVAC screw 7x50 mm (for outdoor use)
3	Adjustment plate
4	Bolt DIN 933 - M8x16 *
5	Pisko roof walkway
6	Nut DIN 934 - M8 *
7	Universal screw 6x120 mm (for outdoor use)
8	Washer DIN 440 M8 *
9	Bolt DIN 934 - M8x60 *

* HDG or equal corrosion protection

Attaching to roof walkway when using safety rope on the ridge side of the walkway

If safety ropes to be used over the roof ridge, the bracket for tile roof (aux. batten) 150 Compact (1) must be attached to the auxiliary batten by a through connection using two M8x60 mm screws (9) and M8 nuts (6), and DIN 440 M8 washers (8) must be used on both sides of the connection. We also recommend the use of an additional fastening for roof walkway for tile roof (568) to prevent damage to the roof tiles. See separate instructions for additional fastening for roof walkway for tile roof (can only be installed on roof battens over 45 mm thick).



USE

A roof walkway must be used when the roof inclination is more than 1:8. If the height of the building is more than 9 meters, safety rope fixing structures must be provided (Finnish Ministry of the Environment, Decree on the safe use of buildings on January 1, 2018). The EN 516 standard gives two performance classes for roof walkways: class 1 and class 2. Class 1 means that the product is suitable for use as access way and class 2 means that the product can also be used as a safety rope anchoring point. Personal fall arresters may only be attached to class 2 roof walkways. Pisko roof walkway has been dimensioned against 1,5 kN (~150 kg) concentrated load (load from the user).

The Pisko roof walkway is manufactured in compliance with EN 516 and the roof walkway system has passed the static and dynamic tests specified in the relevant standard for class 2. An appropriate safety rope can be fixed to a roof walkway, which is installed in accordance with class 2. The safety rope must be intended to be used as a personal safety rope and it must conform to relevant standards such as e.g. EN 353-2 and should be equipped with a shock absorber (EN 355). A Pisko SafeLine wire system's glider, a horizontal carriage that moves along the Pisko safety rail or, alternatively, a rope fastener is used as a safety rope attachment point with Pisko roof walkways (see the separate installation instructions for these products). Moreover, the following must be taken into consideration when using a safety rope:

- Only safety ropes (e.g. EN 353-2) or retractable lanyards (EN 360) that are meant to be used as a personal fall protection equipment should be used
- Only one person at a time, with a total weight of max. 150 kg, including the equipment, is allowed to fix a safety rope to a safety rope anchoring point.
- The distance between attachment points must be at least four (4) meters if more than one user is attached to the same roof walkway or horizontal safety rail.
- More than one person can be attached simultaneously to the Pisko SafeLine that is installed on a roof walkway, provided that there is at least two wire holder brackets in between the users. More information on Pisko SafeLine installation instructions.


MAINTENANCE

Pisko products are hard-wearing and safe to use, guaranteed by the ongoing quality control and development work by Piristeel Ltd, as well as correct installation of the products according to the manufacturer's instructions. To ensure the reliability and safety of the products, the property owner must carry out yearly inspection and maintenance procedures, and monitor that the snow load specified by the regulations is not exceeded. NOTE! Roof walkway installed as access way is not intended to be used as snow guards. Heavy snow loads can permanently damage the walkway and its fastening system. If necessary, the roof walkway should be protected from snow loads with snow guards and snow loads should be removed from the roof walkway in good time.

To ensure the durability of the performance of the products, the property owner should have the class 2 roof safety products inspected annually by a person authorised by the manufacturer.

Yearly maintenance inspection checklist for Pisko roof walkways:

- Check the tightness of joints, connections and attachments.
- Check the roof attachments (fixings).
- Ensure any excessive snow load is cleared to minimize the strain on structures and attachment points (as necessary; there might be a need several times during the winter).
- As necessary, clear the roof walkways of snow and ice.
- Check the paintwork and zinc coating of the products; repair faults and touch up paintwork if necessary
- Replace or repair any damaged or faulty parts as soon as possible.


Piristeel Oy Metallitie 4, 62200 Kauhava Finland 24
EN 516 Pisko roof walkway for tile roof with 150 compact bracket, fixed to an aux. batten 1397 Type B Mechanical strength: Class 1 and Class 2 Reaction to fire: Class A1 Durability: Z275 + powder coating 80 µm Resistance to external fire: Estimated to meet the requirement

This product has been installed in accordance with the installation instructions by

Company

Installer

Date

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