

PISKO UNISEAM EXTRA BRACKET

The UniSeam extra bracket is used when installing the Pisko roof walkway in accordance with the requirements of class 2 on a snap-lock seam roof with par al (low) male tongue height (see table 1 and figure 1).

Suitable roofs
Schlebach 25
Schlebach 38

table 1

Install the Pisko Uniseam fasteners according to the instructions for installation, use and maintenance Pisko roof walkway for standing seam roof, Pisko UniSeam.

In addition to the normal roof walkway installation, the extra brackets are installed on the outermost fasteners of the roof walkway assembly (figure 3).

Attach the extra bracket to the Uniseam fastener with M8x16 mm hexagon bolt and M8 hexagon nut (figure 3). If necessary, the extra bracket can be mounted on either side of the seam (figure 2).

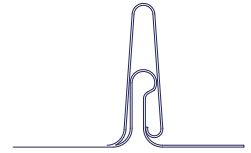


figure 1

When installing roof walkway, an additional M8 plate must be used at the outermost fasteners of the roof walkway assembly at the joint between the roof walkway and the Inclination adjustment plate to increase the overall strength. Otherwise, the installation of the roof walkway is performed according to the normal installation method in accordance with the instructions for installation, use and maintenance Pisko roof walkway for standing seam roof, Pisko UniSeam.

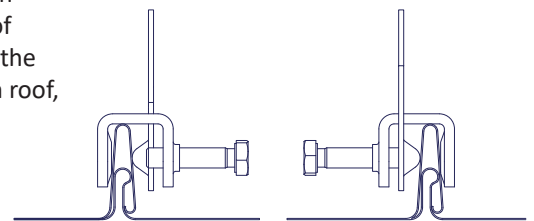


figure 2

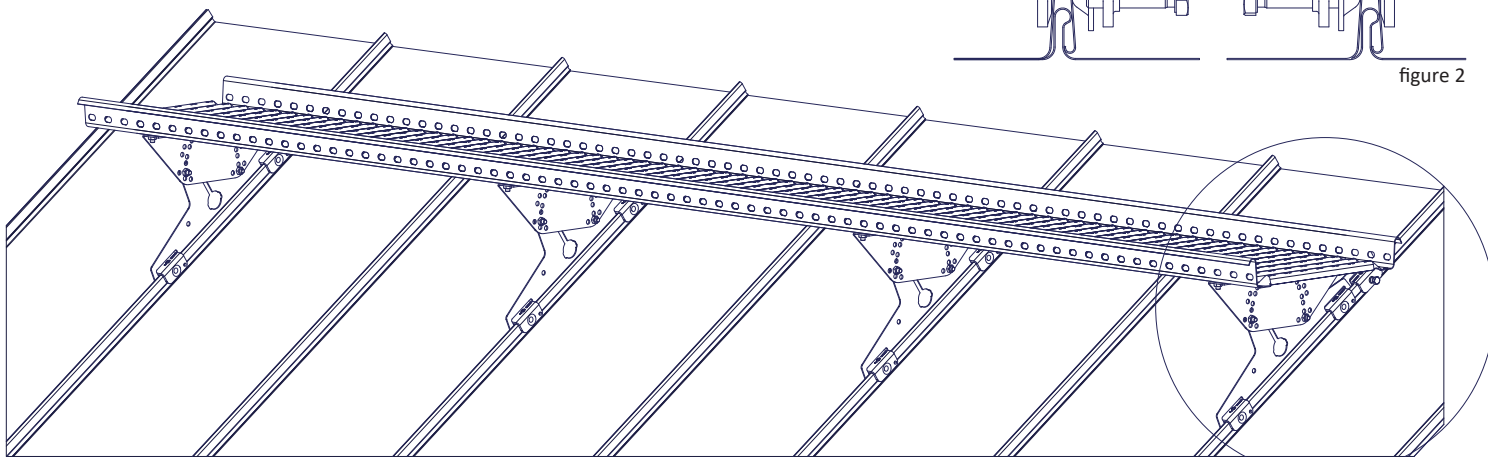
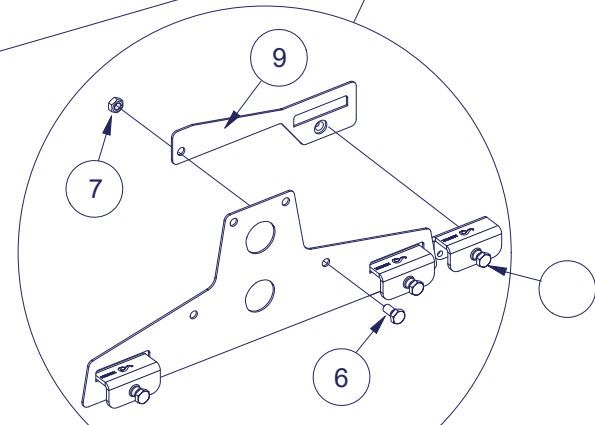
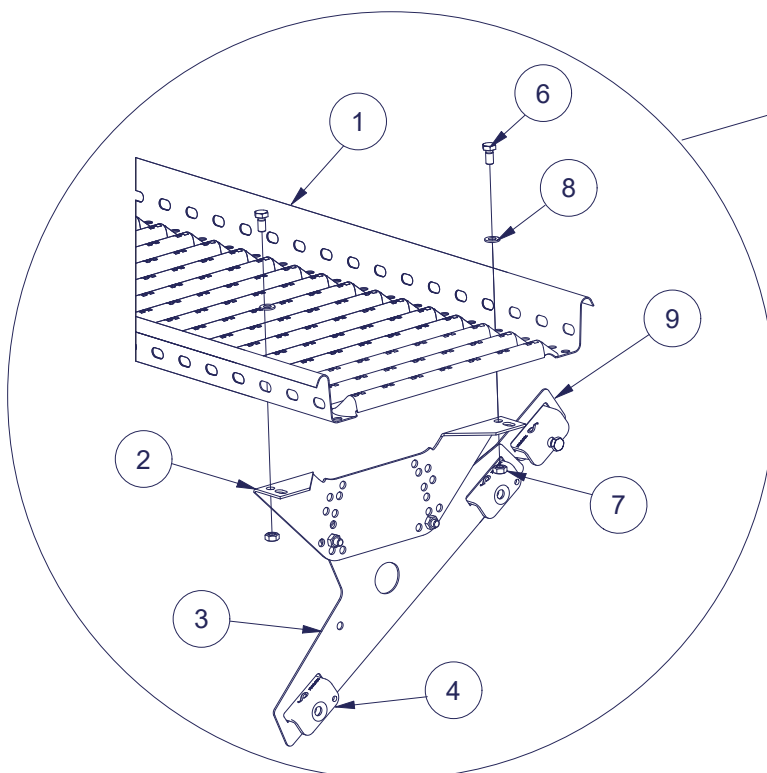


figure 3



Part	Description
1	Roof walkway 350 mm x 3000 mm
2	Inclination adjustment plate
3	SG Fastener, Pisko UniSeam
4	SG Tightening Clamp, Pisko UniSeam
5	Hexagon bolt M8
6	Hexagon bolt M8x16, hot-dip galvanized
7	Hexagon nut M8, hot-dip galvanized
8	Plate M8, hot-dip galvanized
9	SG Extra bracket, Pisko Uniseam

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 for standing seam roofs is manufactured in compliance with EN 516 and the roof walkway system with Pisko UniSeam bracket has passed the static and dynamic tests specified in the relevant standard for class 2 with Schlebach roofs when using Pisko UniSeam extra bracket for the outermost brackets. 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.
- The safety rope may only be used towards the eave on the pitched roof area where the roof walkway is installed.

MAINTENANCE

Pisko products are hard-wearing and safe to use, guaranteed by the ongoing quality control and development work by Piristee 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 products:

- 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.

Piristee Oy Metallitie 4, 62200 Kauhava Finland 19
EN 516 Pisko Walkway SG Fastener, Pisko UniSeam 1362 Type B Mechanical strength: Class 1 and Class 2 Reaction to fire: Class A1 Durability: Z275 + powder coating 80 µm External fire performance: DTS

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

Company

Installer

Date