

PISKO ROOF WALKWAY WITH MOUNTING PLATE FOR BITUMEN ROOF, 1334



INSTALLATION

The installation of the mounting plate for bitumen roof should be done according to the instruction for installation, mounting plate for bitumen roof. Figure 1 shows the installation principle of the fastening solution.

Fix dedicated seals to the ends of the base of the of the LE SK 350 bracket. Alternatively, two pieces of approx. 50 mm long sealing strips may be used instead of the seals.

Fix the snow guard fastener LE SK 350 to the mounting plate, using one hot dip galvanized M10 nut.

The roof fastener for the walkway is a combination of LE SK 350 bracket and inclination adjustment plate. Attach the inclination adjustment plate to the roof bracket by using two 8x16 mm hexagonal bolts and M8 hexagonal nuts. The most common roof inclinations and the corresponding holes are presented in figure 2.

Attach the roof walkway to the inclination adjustment plate by using two M8x16 hexagonal bolts and M8 hexagon nuts.

Extend the roof walkways with a lap joint by installing a pair of cross-pools one on the other (figure 3) and by tightening the joint securely through the bottom at both edges with two 8x16 mm hexagonal bolts and M8 hexagonal nuts.

The maximum installation distance of the fasteners is 1200 mm. The maximum overhang of the roof walkway from the outermost fastener is 200 mm.

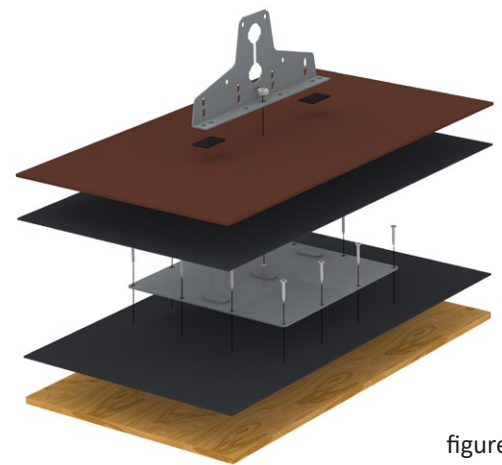


figure 1

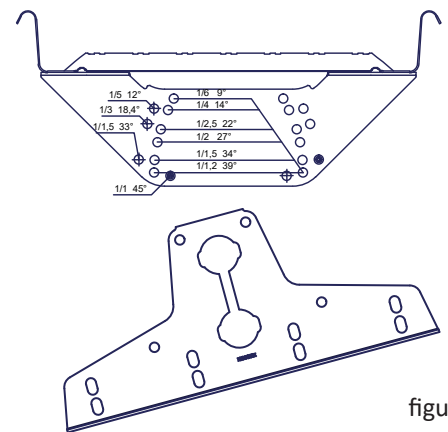


figure 2

Parts list per fastener
LE SK 350
Seal or sealing strip
Inclination adjustment plate [1 plate/fastener]
Hexagonal screw M8x16 mm [4 screws/fastener]
Hexagonal nut M8 [4 nuts/fastener]
Hot dip galvanized M10 nut [1 nut/fastener]
Mounting plate for bitumen roof
Universal screw for outdoor use 5x35 mm [12 pcs/fastener]



figure 3

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). Standard EN 516 provides two installation options for roof walkways: class 1 and class 2. Using personal fall protection equipment, a person is only allowed to attach themselves to a roof walkway, which is installed in accordance with class 2.

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.

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). In addition, when a safety rope is used, the following shall be taken into account:

- Only one user at a time may attach a safety rope to the roof ladder, and the user's total mass, including equipment shall not exceed 150 kg.
- 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.
- The safety rope may only be used on the side of the roof where the roof walkway is and in the direction of the eaves.

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.

The property owner must have all roof safety products, that have been installed and used according to class 2, and personal safety equipment inspected by a professional authorized 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.

Piristeel Oy Metallitie 4, 62200 Kauhava Finland 18
EN 516 Pisko Roof Walkway with mounting plate for bitumen roof, 1334 Type B Mechanical strength: Class 1 and Class 2 Reaction to fire: Class A1 Durability: Z275 + powder coating 80 µm (external parts of the pitched roof area) External fire performance: DTS

This product has been installed by

COMPANY

INSTALLER

According to class 1:

According to class 2: