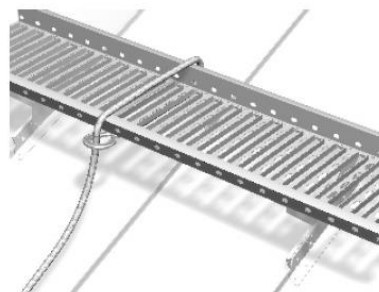


## Roof walkway for snap-lock standing seam roof T350B2

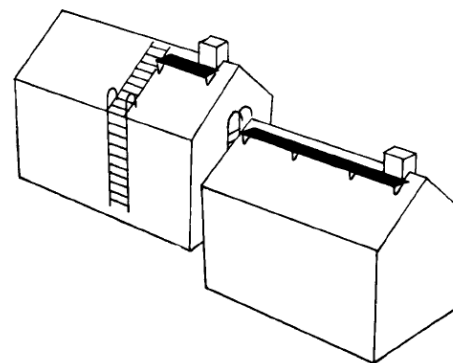
### 1. Instructions for use

- Roof walkways T350B2 are designed and manufactured according to SFS-EN 516, class 2. When installed according to these instructions, the roof walkway can be used as a safety line anchor point (= class 2).
- The safety line is attached around the walkway element between the fixtures, not on the fixtures.
- The safety line may only be used on the same roof plane as the walkway, in the direction of the eaves, and the line must be dimensioned in such a way that the user cannot fall over the eaves.
- An approved safety line (EN 353-2) with fall arrest system and length adjustment must be used. Retractable type fall arresters (EN 360) may be used instead of safety line.
- The roof walkway may only be used as safety line anchor point by one person at a time over a distance of 3 m.  
The maximum weight of the person using the anchor point, including equipment, is 100 kg.
- The product may not be used if it is defective or incomplete.



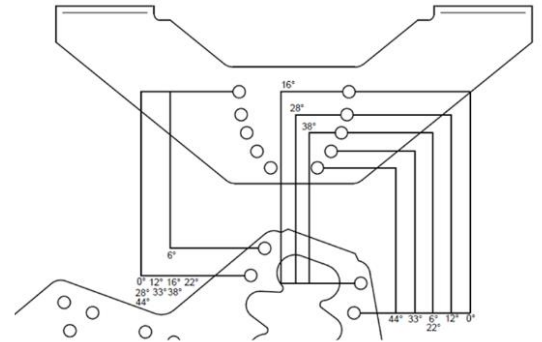
### 2. Planning

- Safe access must be provided for all items on the roof that need maintenance. Roof walkway is used for moving on the roof in the direction of the ridge.
- Roof walkways must be provided for all items on the roof that need maintenance if the slope of the roof is steeper than 1:8 (7°).
- Access to the roof can be arranged from the side or the end of the building. We recommend arranging access to the roof through wall ladders from the end of the building and continuing the access route without interruption as a roof walkway. A prerequisite for this is that the wall ladder and the roof walkway can be placed at the same location.
- If the building has ventilation or sewer lead-throughs, the best location for the roof walkway is usually above them since the roof walkway protects the lead-throughs from any snow sliding on the roof.
- Vesivek vertical safety rail can only be installed on class 2 roof walkways.
- The roof structures must fulfil the instructions of the manufacturer.
- The minimum roof size for installation in accordance with class 2 is 2 m x 2 m.



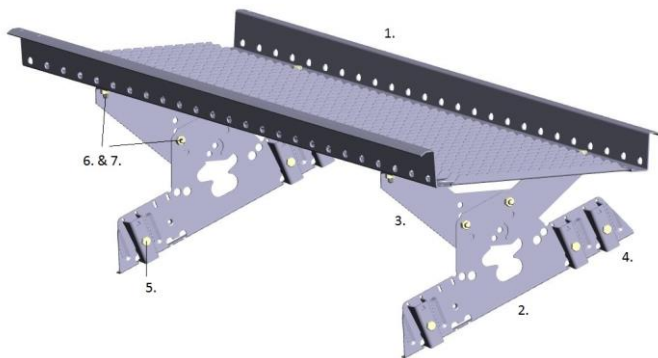
### 3. Dimensions and dimensioning of roof walkways

- The roof walkway length is 2.92 m. Consecutive elements overlap 0.12 m, i.e. the effective length is 2.80 m.
- The width of the walking platform is 350 mm.
- The maximum installation distance of the roof walkway fasteners is 1.2 m. The products are designed to sustain a point load of 1.5 kN (approximately 150 kg).
- The angle of the fixtures can be adjusted at 4-6 degree intervals between 0–44°.
- Maximum standing seam height 32 mm.



### 4. Parts of the roof walkway fixture for snap-lock standing seam roof

NOTE! Only use the fixtures intended for snap-lock standing seam roof on such roofs.



#### No. Product

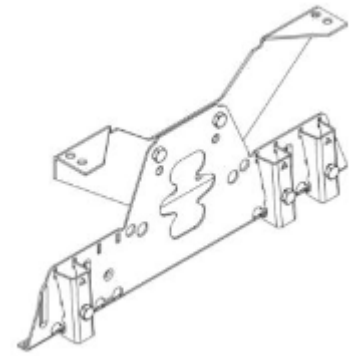
- |    |                                   |
|----|-----------------------------------|
| 1. | Roof walkway T350                 |
| 2. | KL3 Snap-lock standing seam 32 mm |
| 3. | TAK350 Slope adjustment plate     |
| 4. | SK Snap-lock standing seam 32 mm  |
| 5. | M8 x 40 8.8                       |
| 6. | M8 x 20 8.8                       |
| 7. | M8 nut                            |

### 5. Installation order

When installed according to the instructions, the roof walkway can be used as a safety line anchor point.

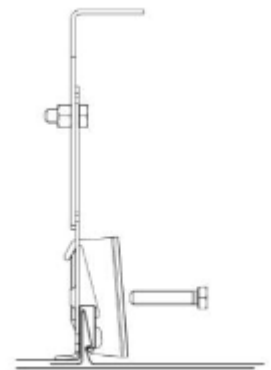
1. Plan the placement.
2. Closed boarding is recommended under the fixtures. Check that the roofing has been attached according to the installation instructions.

3. Measure the angle of the roof and assemble one fixture (KL3 + 3 x SK + TAK350) at an angle corresponding to that of the roof. Before assembly, decide the side on which the actual bottom fixture (KL3) will be placed, because the seams of a snap-lock standing seam roof may turn right or left depending on the building, and seams turning both ways may sometimes be used in the same building (see section 6). Consider the placement of the counter pieces as well. Place two counter pieces on the ridge side and one on the eaves side. Attach the top fixture (TAK350) on the side shown in the figure on the side, because fixing the counter pieces (SK) will otherwise be impossible. The points must be in different directions (Z shape).



4. Plan the fixture distribution. The most commonly used distribution is 0.95 m. Note that the fixtures closest to the ends may be maximum 0.25 m from the end of the roof walkway. If necessary, cut any excess off the roof walkway.
5. Mark the locations of the fixtures (using a chalk line, for example) and make sure that the fixtures are in line.

6. Attach the fixtures one by one. Always place the larger fixture (KL3) on the straight side of the seam so that the fixture stands vertical. Correspondingly, the U-shaped counter pieces (SK) are placed on the overturned seam side. Ensure that the knots of the SK counter piece are placed in the seam as shown in the figure. The counter piece is placed correctly when the marker hole in the front is facing up. Tighten the counter piece with an M8 x 40 mm hexagonal screw and an M8 nut. The tightness of the bolts is correct when the counter piece begins to bend at the bolt's location. Additional tightening does not help after this.



7. Finally, lift the roof walkway on the fixtures and attach it to each fixture TAK350 with two M8 x 20 mm hexagonal screws and M8 nuts. If you connect several roof walkways to one another, note that one end of the walkway is narrower than the other so that the walkways overlap when you place the narrow end on top of the wider end. The sections must overlap over two "ribs", approximately 120 mm. Place 2 pcs. M8 x 20 hexagonal screws and M8 nuts in the holes on the side edges at the overlap. You can cut the roof walkway with a hacksaw. The easiest way to do this is to cut at the longest hole location. If you use a hacksaw to cut on the roof, do not leave metal dust on the roofing since it will rust.

## 6. Maintenance

- Inspect the tightness of the roof walkway fixture screws every 4 months during the first year. After this, inspect once a year.
- In order to keep the installation as a class 2 system, the installation must be inspected once a year by an inspector authorised by the manufacturer.

- The roof walkway is not dimensioned to sustain the snow load of the entire roof and especially not moving masses of snow. Snow must, therefore, be prevented from moving and the stress must be directed at the snow guards.


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EN 516 - 2 - B
Katon huoltotienä käytettävät kattosillat T350B2
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