



Roof safety products

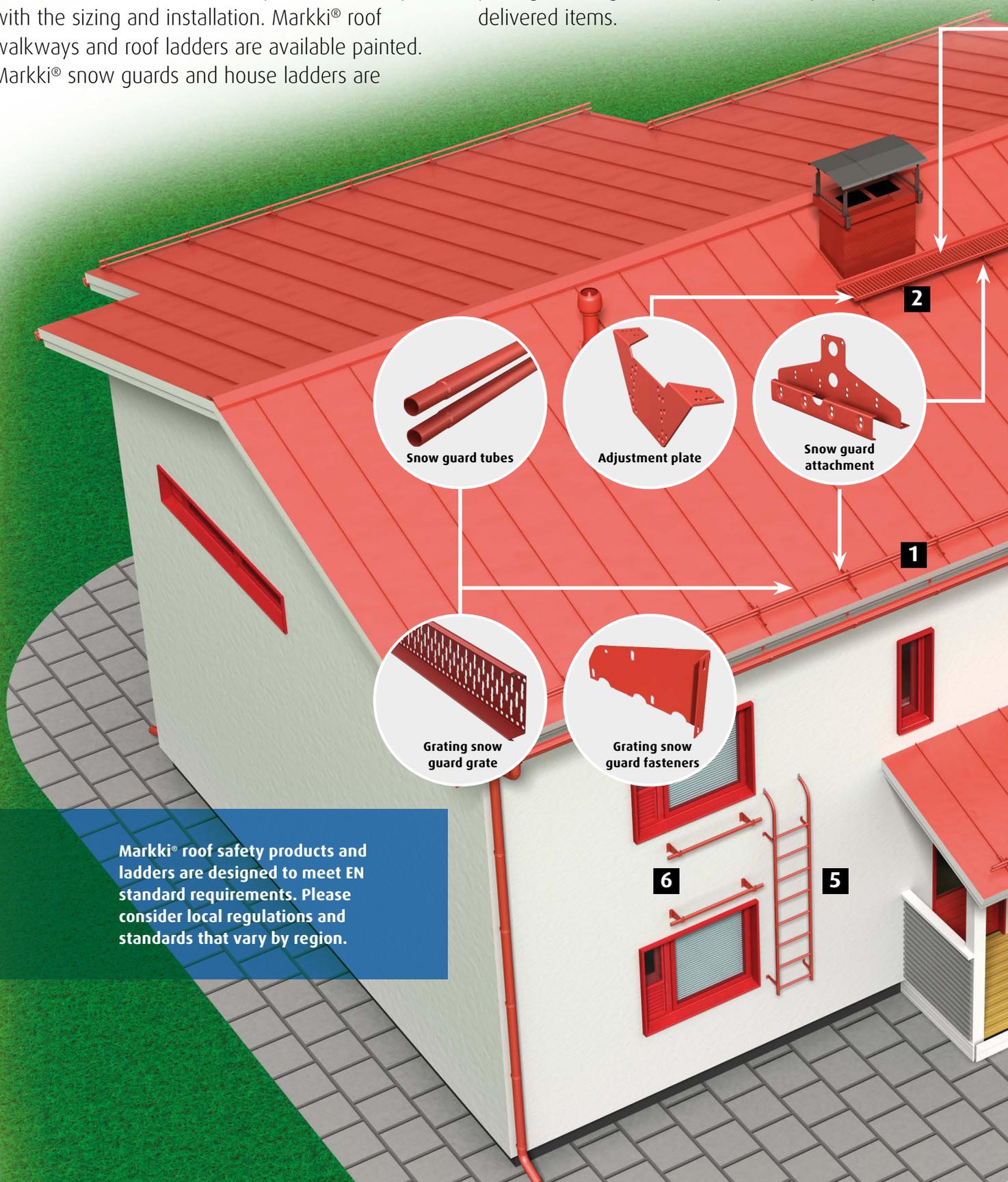
Ladders



Markki® – durable, reliable, proofed

Markki® roof safety products are made to withstand harsh Nordic climate. Our roof walkways and roof ladders have a CE marking, and Markki® snow guards are all certified. When installed according to the instructions, they fulfill EN standards. We recommend professional help with the sizing and installation. Markki® roof walkways and roof ladders are available painted. Markki® snow guards and house ladders are

available galvanized or painted. The colours of the painted products blend in with the surrounding roof surfaces. We also deliver custom colours by request. To ease your purchasing, we have collected our products into assembly kits and packages, along with the option of separately delivered items.



Snow guard tubes

Adjustment plate

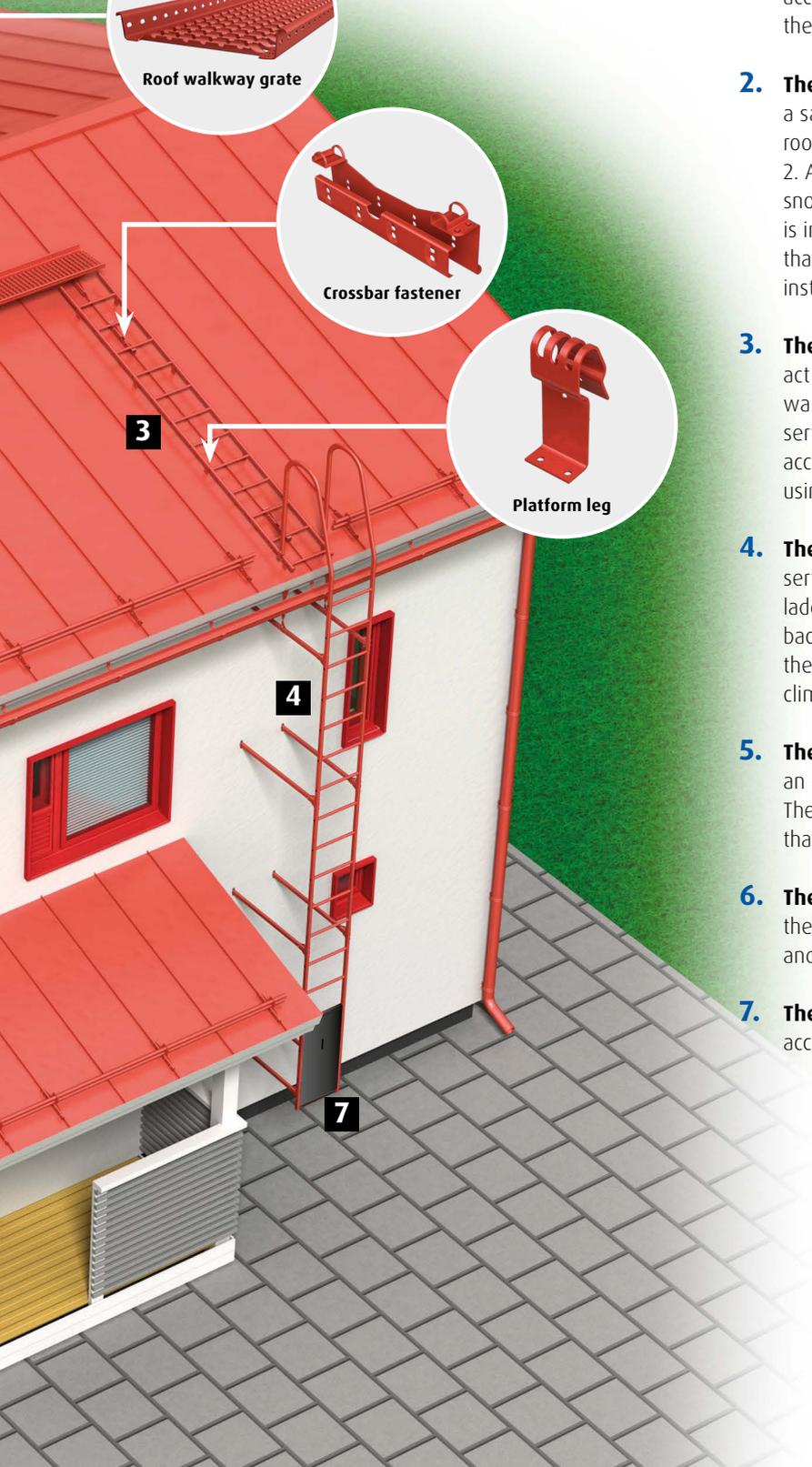
Snow guard attachment

Grating snow guard grate

Grating snow guard fasteners

Markki® roof safety products and ladders are designed to meet EN standard requirements. Please consider local regulations and standards that vary by region.

- 1. The Markki® snow guards** protect fairways, as well as playgrounds and areas of temporary occupation from the snow and ice falling from the roofs. Snow guards can also be used to protect the pass-throughs and structures that



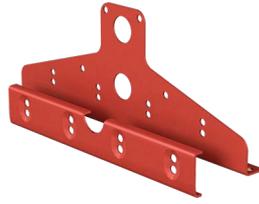
are located on the roof slope. The Markki® snow guards are available as two-tubed snow guards and as grating snow guards. The grating snow guard stops snow and ice better than the tubed snow guard, and it is commonly used on buildings higher than 10 meters. On standing seam roofs, the tubed snow guard can be equipped with an additional profile, which prevents any accumulations of ice from sliding underneath it. The snow guard attachments are chosen according to the roof type. The bracket spacing depends on the slope's length and pitch, as well as the snow load.

- 2. The Markki® roof walkway** has a CE marking, and it acts as a safe passageway for reaching the service locations on the roof. The walkway can be installed according to classes 1 and 2. A perforated walkway with a roughened surface lets the snow go through it and prevents slipping. The roof walkway is installed to the roofing profile with an adjustment plate that fits the snow guard. This is to ensure that the walkway is installed straight even with different roof pitches.
- 3. The Markki® roof ladders** have a CE marking, and they act as an extension between the wall ladder and roof walkway. This way, you will have a safe passage to the service locations on the roof. The roof ladders can be installed according to classes 1 and 2. The ladder frame is installed by using roof slope platform legs that fit the roofing.
- 4. The Markki® wall ladder** assures a safe ascend to the roof's service locations. If the height goes over 8 meters, the wall ladder must be equipped with a safety rail or a protective back guard. To prevent unwanted wanderers from climbing the ladder, the wall ladder can also be equipped with a climbing barrier or a folding extension.
- 5. The Markki® emergency ladder** enables a quick exit from an apartment, when normal passageways cannot be used. The package includes the ladder frame and an installation kit that contains the upper arcs, mounting brackets and legs.
- 6. The Markki® lateral transition set** acts as a passageway to the safety ladder. It is comprised out of two 1.5 meter tubes and four wall mounts.
- 7. The Markki® climbing cover** prevents children from accessing the ladder.

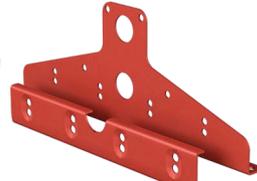
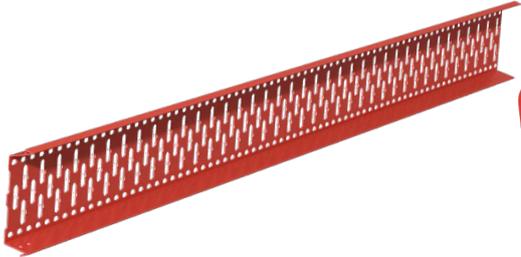
Snow guards and roof walkways

Markki® snow guards and roof walkways are fastened according to the roof surface type with different snow guard fasteners, and if needed, with counterpieces.

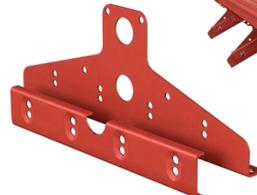
The models in the pictures are meant for standing seam roofs.



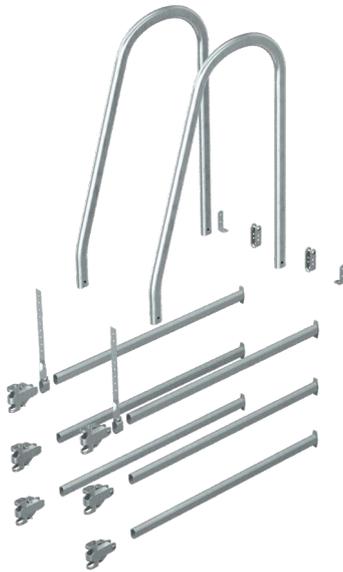
A snow guard is comprised out of a snow guard tube package and snow guard fasteners.



A grating snow guard is comprised out of a grating snow guard grate, grating snow guard fasteners and snow guard fasteners.



A roof walkway is comprised out of a roof walkway grate, adjustment plates and snow guard fasteners.



The wall ladder installation kit contains the upper arcs with U- and L-joints, eaves, legs and clips.

All Markki ladders use the same galvanized ladder frames. Painted products have a weather-resistant powder coating.

Ladders

All Markki® ladders use the same ladder frames. The roof ladders are fastened with platform legs chosen according to the roof surface, and if necessary, with auxiliary attachments.

Wall ladders are fastened with the installation kit, and if necessary, with auxiliary attachments.

Fastening parts are delivered as installation kits. You can get further information on the kits from your nearest Markki dealer.



The roof ladders are fastened with platform lags chosen according to the roof type, and if needed, with auxiliary attachments. The roof ladder installation kit for tiled roofs includes, in addition to the snow guard attachments, auxiliary attachments and screws.

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