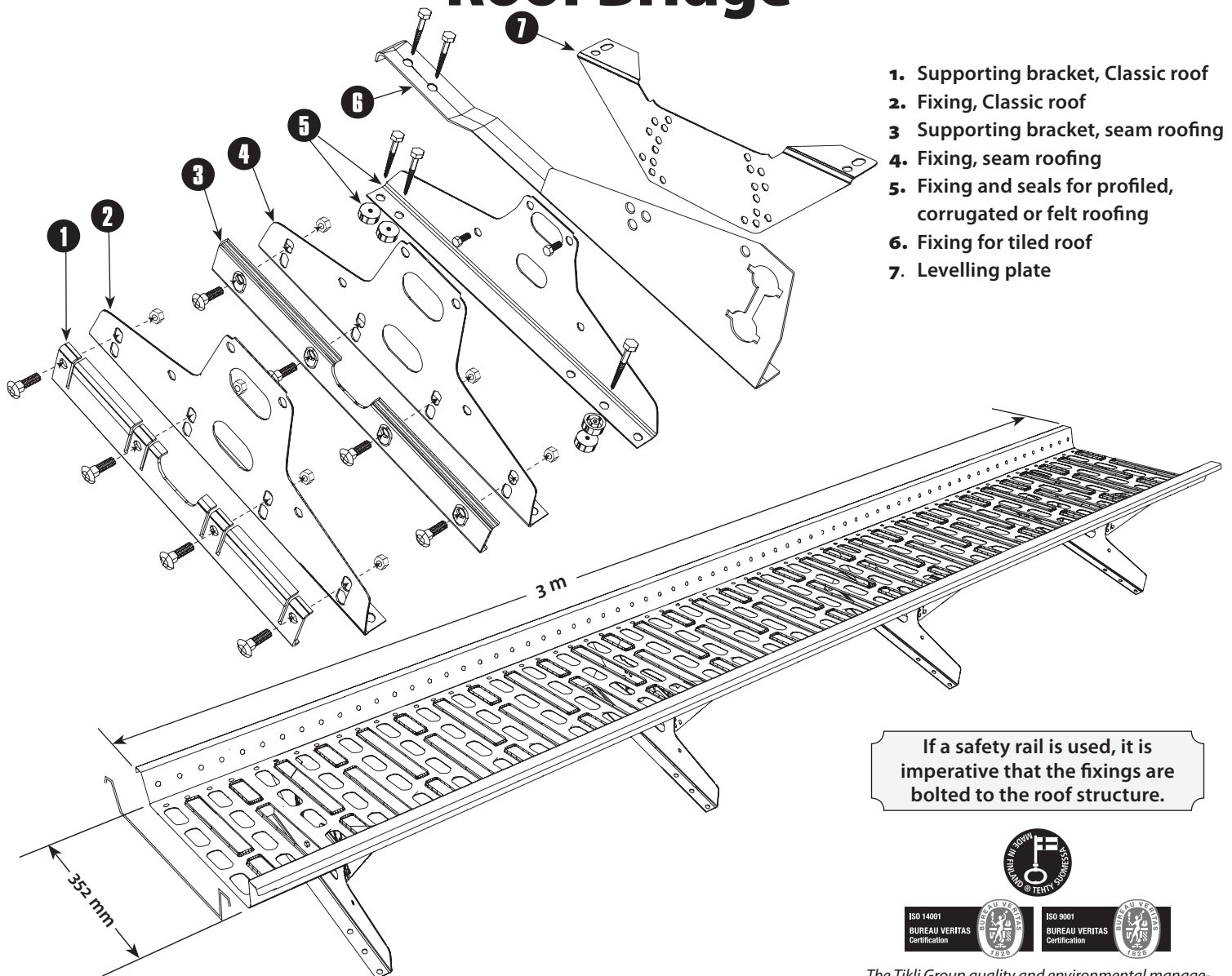


Roof Bridge



1. Supporting bracket, Classic roof
2. Fixing, Classic roof
3. Supporting bracket, seam roofing
4. Fixing, seam roofing
5. Fixing and seals for profiled, corrugated or felt roofing
6. Fixing for tiled roof
7. Levelling plate

If a safety rail is used, it is imperative that the fixings are bolted to the roof structure.



The Tikli Group quality and environmental management systems are certified as meeting the ISO 9001 and ISO 14001 standards.

Roof Bridge Kit Contents

Qty	Description	Profiled, corrugated or felt roofing	Classic or standing seam roofing	Tiled roof
1	Roof bridge, L = 3 m	x	x	x
4	Fixing	x		
4	Fixing + supporting bracket		x	
4	Fixing, tiled roof			x
4	Levelling plate	x	x	x
16	Rubber seal \varnothing 27 mm x 11 mm	x		
16	Carriage bolt 8 x 30 mm + nut M8		x	
20	Bolt 8 x 20 mm + nut M8	x	x	x
12	Coach screw 7 x 50 mm	x		x
2	Coupling bracket	x	x	x

This product has been tested and certified by the Building and Transport unit of VTT Technical Research Centre of Finland (certificate no. C 217/02).

Roof Bridge Installation

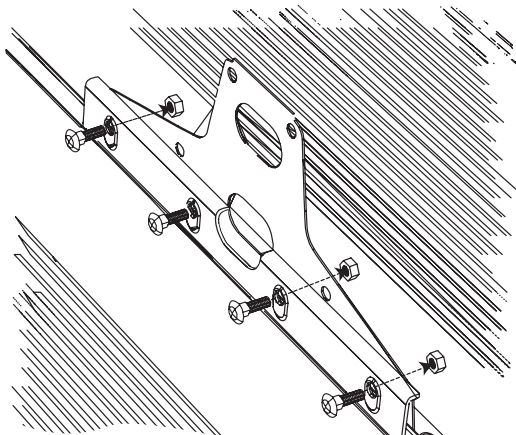
Installing the Fixings

Install the fixings to the roof structure at intervals of approximately 80...120 cm.

Classic Seam Roofing

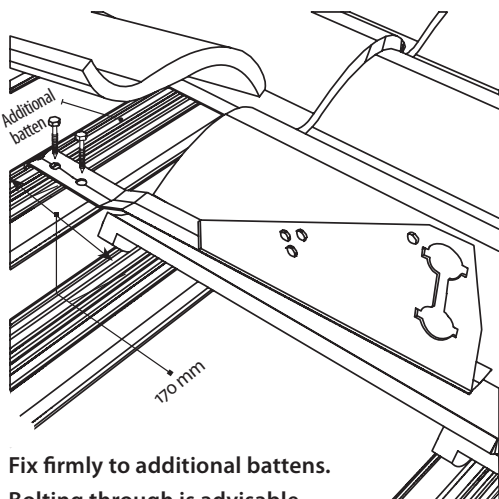
Install a fixing to every other vertical seam. Press the fixing against the seam using the supporting bracket and four 8 x 30 mm carriage bolts. The bolt is correctly tightened when the nut is turned for another 2 to 3 rounds after the upper edge of the supporting bracket has reached the fixing.

Standing Seam Roofing



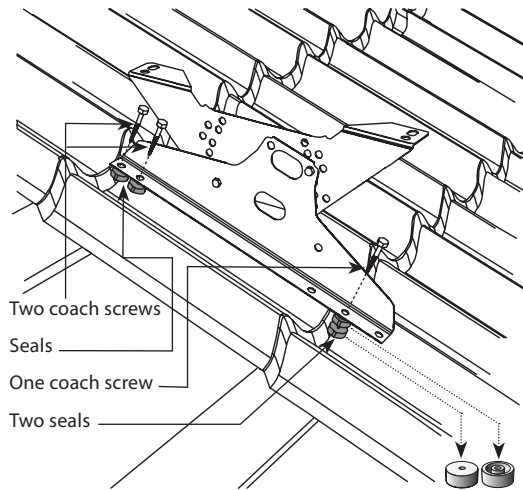
Install a fixing to every other vertical seam. Press the fixing against the seam using the supporting bracket and four 8 x 30 mm carriage bolts.

Tiled Roofs



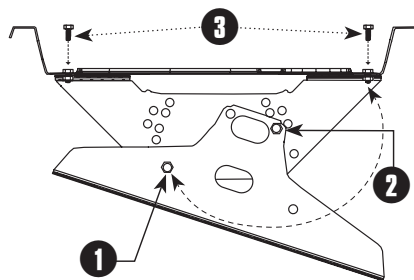
Fix firmly to additional battens. Bolting through is advisable.

Profiled, corrugated or felt roofing



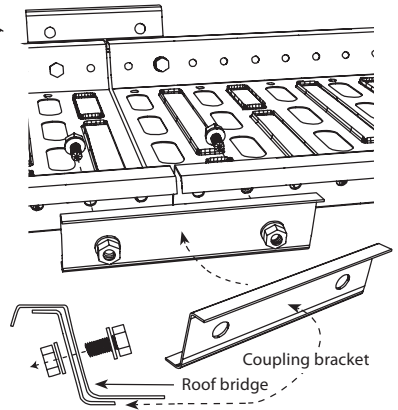
Attach the fixing to battens using two 7 x 50 mm coach screws at the upper end and one at the lower end. Observe that the batten spacing varies according to roofing material. The fixing has holes for 300, 350 and 400 mm batten spacings. The fixing holes are sealed with rubber seals between the fixing and the roof. On profiled sheet roofs, the lower end must be equipped with two seals on top of each other.

Installing the Levelling Plates and the Roof Bridge



1. Fix the levelling plate loosely at first, using one 8 x 20 mm bolt and nut.
2. Then move the plate to a horizontal position and insert another bolt through the most suitable hole. Tighten the bolts firmly.
3. Attach the roof bridge to the levelling plate using 8 x 20 mm bolts and nuts.

Extending the Roof Bridge



To extend the roof bridge, align the bridge ends and install the coupling brackets using 8 x 20 mm bolts and nuts.

Maintenance

To ensure a long service life and safety, carry out the following maintenance procedures at least once a year:

- check the connections (bolt tension etc.)
- check the fixings
- check the tightness of the fixings
- remove excessive snow load, several times a year if necessary, to minimise stress on the structures and connections
- check the paint and the galvanised finish; touch up or re-finish any damaged areas.



The Tikli Group quality and environmental management systems are certified as meeting the ISO 9001 and ISO 14001 standards.

This product has been tested and certified by the Building and Transport unit of VTT Technical Research Centre of Finland (certificate no. C 217/02).