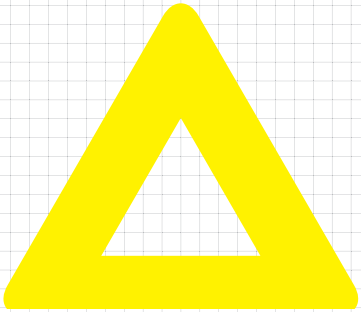
SAFETYRESPECT®

MOUNTING INSTRUCTIONS

EDGE PROTECTION SYSTEM



INSTRUCTIONS IN ACCORDANCE WITH
EN 13374

info@safetyrespect.se • Phone +46 (0)63-130400

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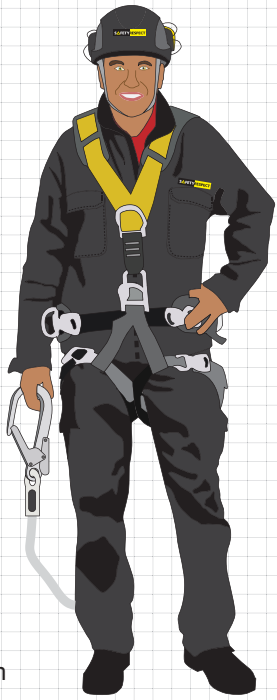

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SAFETY PRECAUTIONS

Risks when mounting

- Falling
- Dropping of tools
- Dropping of components
- Crushing
- Injuries to eyes and ears
- Incorrect mounting

Measures to minimise the risks

Always use personal fall protection when carrying out mounting work.

- When mounting or dismounting, personal fall protection shall always be used if there is a risk of falling. This also applies when working from a claw crane, aerial platform, etc.
- We recommend using a painter connected to tools.
- Cordon off the area below and around the place of mounting so that unauthorised people cannot be injured in case of dropping, for instance, tools or material.
- Always use clothing and protective equipment dedicated for the purpose.
- Always check the products and equipment before use.
- Do not use damaged material as it may influence the safety.
- Use tools dedicated for mounting.

Do not combine products of different brands

The fall protection is a system and should therefore not be used with other products that are not allowed by SafetyRespect. The product responsibility applies only to SafetyRespect's products and approved solutions.

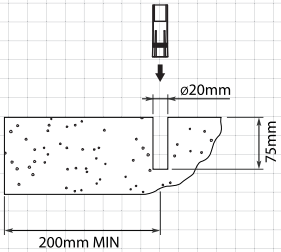
ATTACHMENTS

CONCRETE SCREW

Drill holes that are 12 mm x 85 mm deep at least 120 mm from an edge. Clear the hole from drilling residues. Make sure the bracket is mounted so that the whole construction surface rests on the foundation. Tighten screws, but not too much - Then the screw might come loose.

CONCRETE WEDGE ANCHOR

Mounting should be done on sufficiently hardened concrete only. Drill a 20 mm hole that is at least 75 mm deep and 200 mm from the edge. Clear the hole from drilling residues. Mount wedge anchor M16. Then mount the bracket and screw the bolt to the wedge anchor.



WOOD SCREW

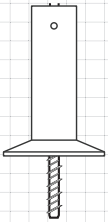
The wood should be of high quality, and preferably cross-glued in order for it not to crack. Use **wood screw**, for example **WFD-T 12 x 100/70**, when mounting. The screw should be mounted at least 100 mm from the nearest edge. Tighten screws and make sure the bracket is mounted so that the whole construction surface rests on the foundation.

Characteristic extension loads:

- Concrete screw 12 x 75 — 36.0 kN
- Wedge anchor M16 — 31.8 kN
- Wood screw WFD 12 x 100/70 — 11.3 kN

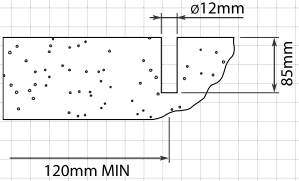
SOCKETBASE

Mount the Socketbase so that the whole construction surface rests on the foundation. Tighten screws/bolts so that the Socketbase is butt against the foundation.



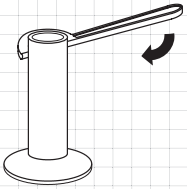
MOUNTING WITH CONCRETE SCREW 12X75

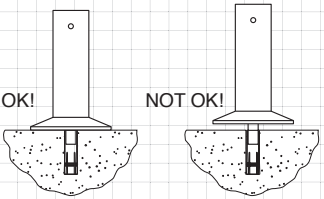
See mounting instructions on page 4.



MOUNTING WITH WEDGE ANCHOR M16

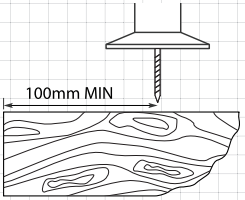
See mounting instructions on page 4.





MOUNTING WITH WOOD SCREW 12X100/70

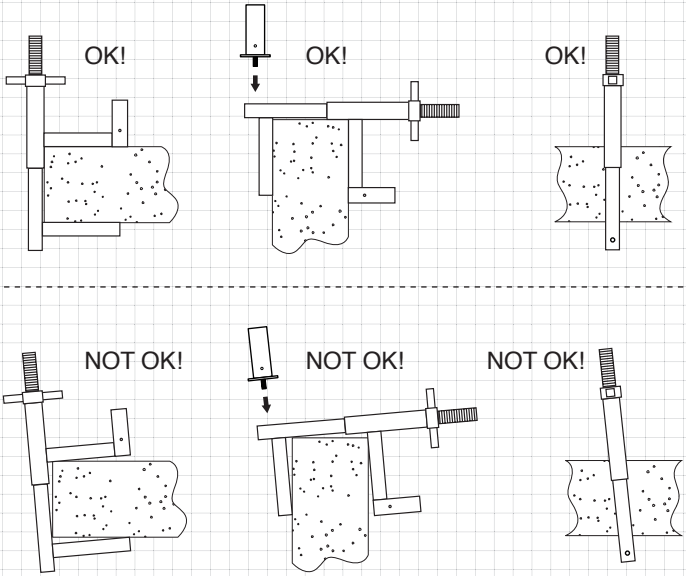
See mounting instructions on page 4.



CLAMPS

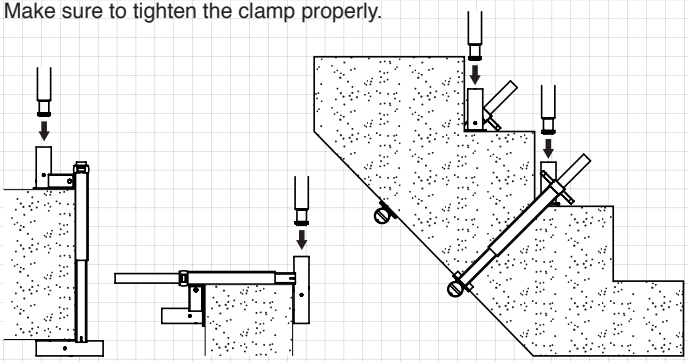
All clamp models should be mounted according to the following structure:

Check that the clamp is mounted transversely to the mounting surface (see picture below). Make certain to have as large a mounting surface as possible. The clamp can be mounted both horizontally and vertically. Protect sensitive surfaces that the clamp may damage when tightened. Tighten so that the clamp is properly fastened in a stable manner.



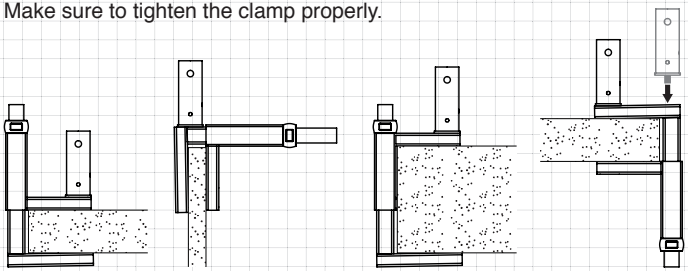
CLAMP 550

Clamp 550 can be mounted either in horizontal or vertical postition, and in staircases. The Clamp can be mounted to the right or the left. The gap can be adjusted from 20 mm up to 550 mm.
Make sure to tighten the clamp properly.



CLAMP 300

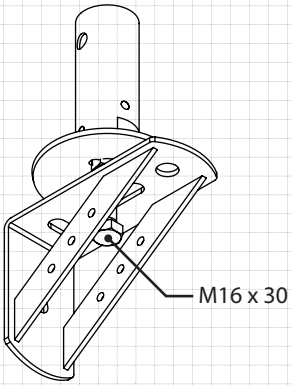
Clamp 300 can be mounted either in horizontal or vertical postition in several situations. The socket can be attached in four different places on the clamp. The gap can be adjusted from 10 mm up to 300 mm.
Make sure to tighten the clamp properly.

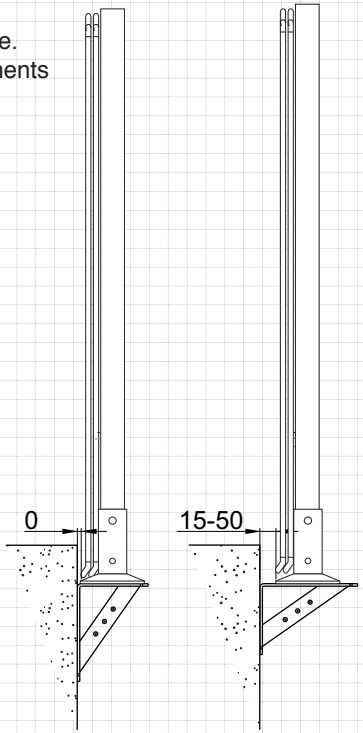


CONSOLE BRACKET

SafetyRespect Console Bracket is used when edge protection must not interfere with the work surface or when the distance between the slab edge and edge protection requires adjustments.

The Console Bracket is used combined with the Socket Base. See information about attachments and mounting on page 4.



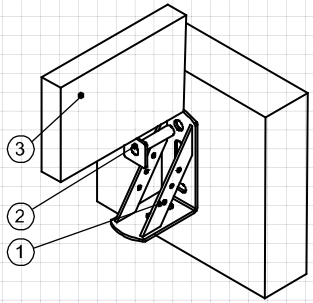


PLATFORM BRACKET

Console Bracket (1) and Bracket Pin (2) are used together to create the product Platform Bracket. This is intended to be used as a plateau for wooden beam 45 x 195 mm (3) to create a platform in shafts and openings.

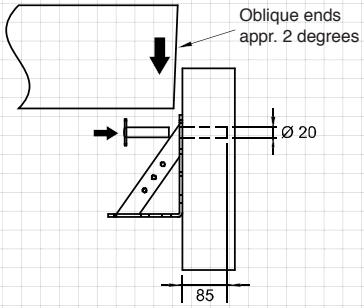
MOUNTING

Drill holes for bracket pin Ø20 depth = 85 mm, consider edge distance for drilling. Clear the hole from drilling residues. Install the Platform Bracket in the hole and do the same on the other side of the shaft or opening. Cut the beam at the correct length to lock the Platform Bracket in both ends.

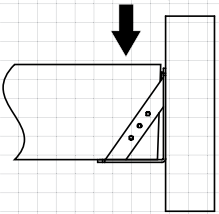


Warning!

SafetyRespect only takes responsibility for the Platform Bracket meets the requirements according to the prescribed use and not for timber or other details that may be included in the overall construction.

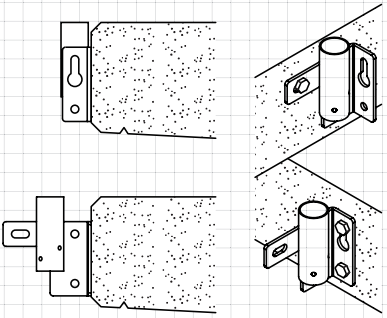


Maximum load 1000 kg/Console



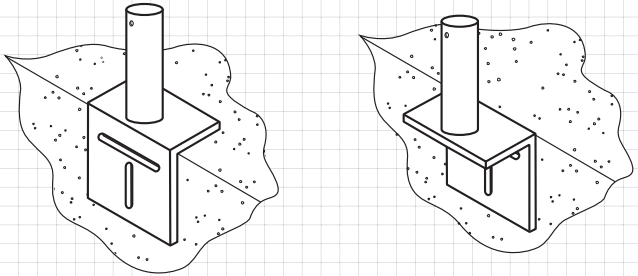
VERTICAL BRACKET

The Vertical Bracket is used on facades, balconies or slab edges. The vertical bracket allows mounting at the working level. Alternative mounting position is outside the slab edge when there is a need for access to the slab edge. The bracket has an integrated socket. See information about attachments on page 4.



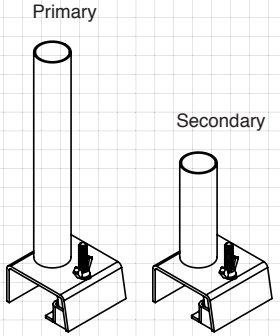
SLAB EDGE BRACKET

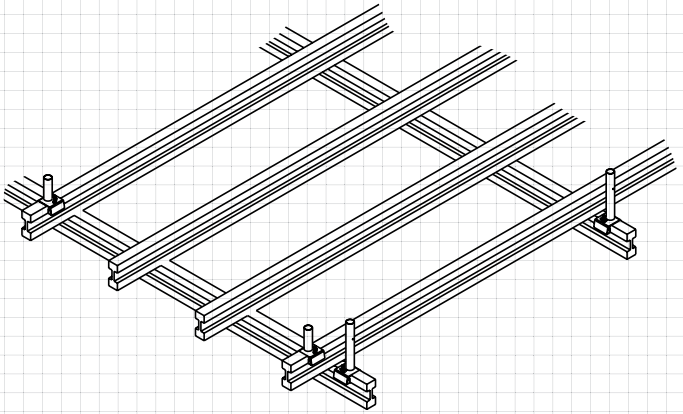
See information about attachments and mounting on page 4.



BEAM BRACKETS

Beam brackets are available both for primary and secondary beams. Beam brackets are available for different beam systems found in the market. Make sure the brackets are correctly mounted in a vertical position and tightened properly.

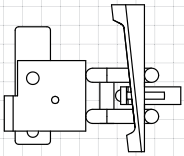


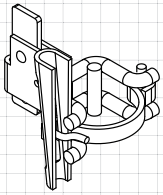


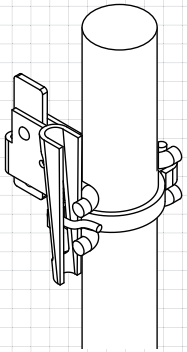
BARRIER BRACKETS

BARRIER BRACKET WEDGE COUPLER

Used with Barriers and Adj. Link Bars.
Mounted on 48,3 mm pipes and posts.
Make sure the brackets are tightened properly.

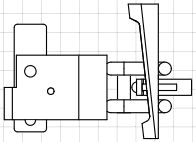


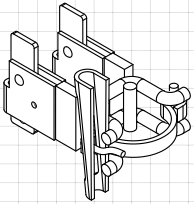


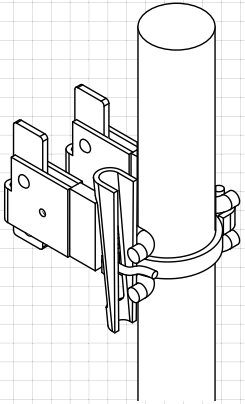


BARRIER BRACKET WEDGE COUPLER DUBBLE

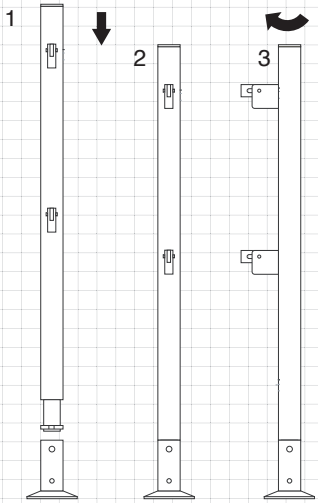
Used with Barriers and Adj. Link Bars.
Mounted on 48,3 mm pipes and posts.
Make sure the brackets are tightened properly.







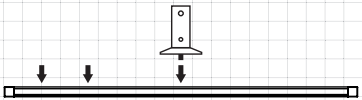
POST

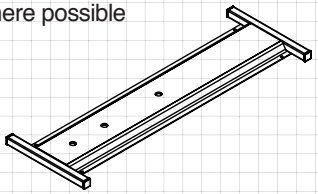


Mount the post in the socket and turn it at least half a turn to activate the post lock.

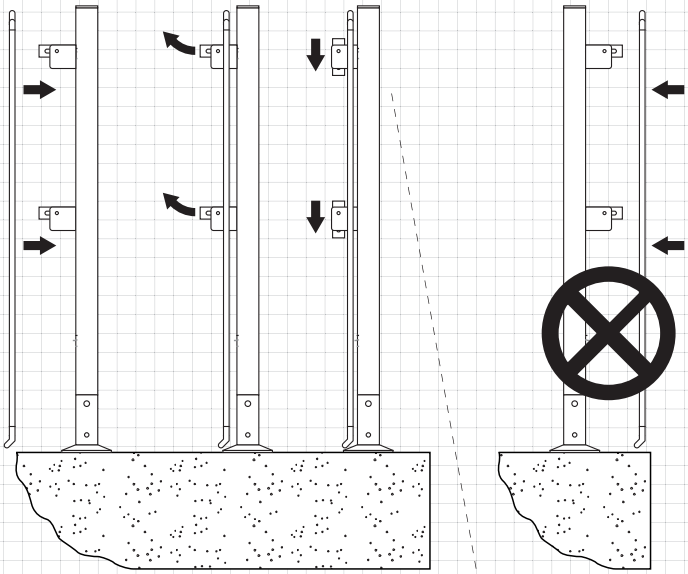
GROUND SUPPORT PLATE

Is used to protect sensitive surfaces or for building walk ways. The Socket Base can be mounted at three different distances. Nail or screw the ground support where possible to fasten it properly.



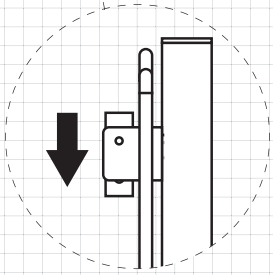


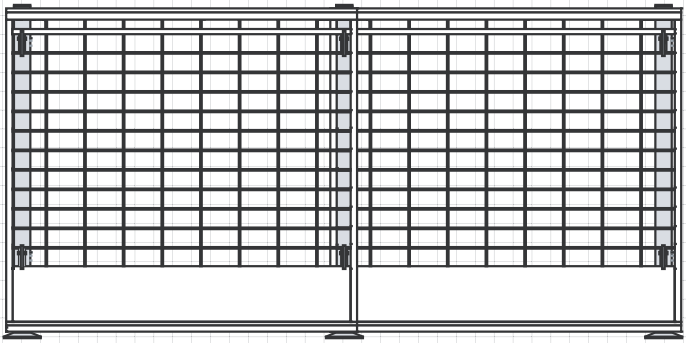
BARRIERS



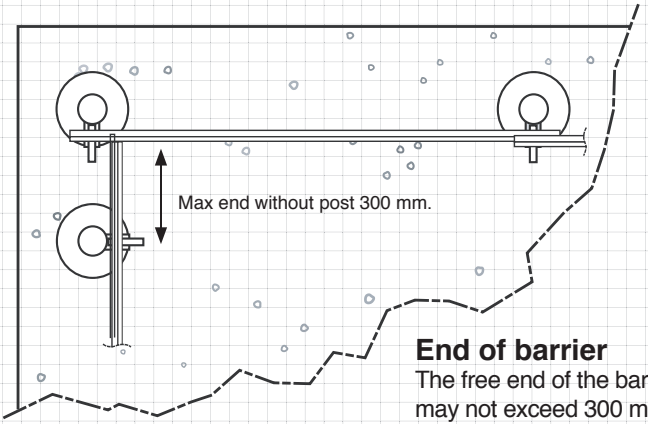
Place the Barrier on the Barrier bracket and lock it in a vertical position.

The Barriers shall always be mounted towards the working surface.





The barrier's side with a logotype should face towards the posts. Continue building with brackets, posts and barrier. The distance between the brackets should be a maximum of 2.4 metres. Joint the barriers on the posts.

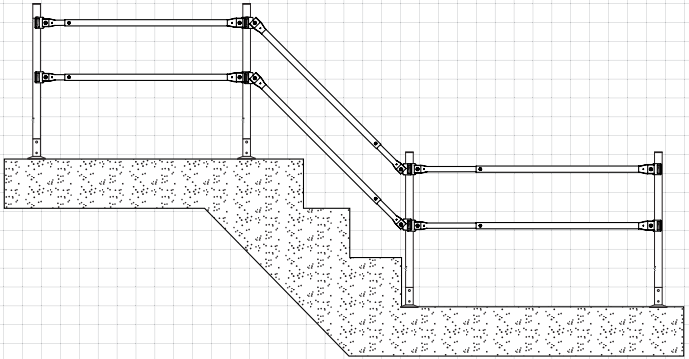


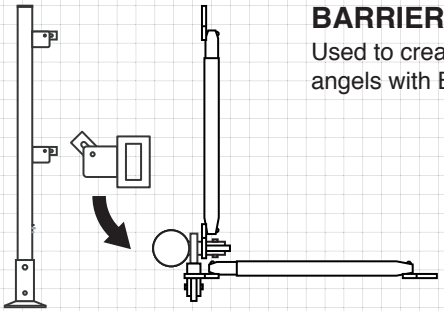
End of barrier

The free end of the barrier may not exceed 300 mm. Each barrier must be supported by two posts.

ADJUSTABLE LINK BARS

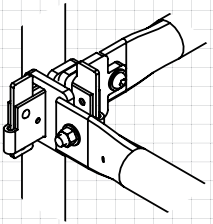
Adjustable Link Bars are available in three different lengths and each of these is adjustable. Mount Adjustable Link Bars onto the brackets of the posts and lock them in vertical position.
Adjust the link bar and tighten the stop screw properly.





BARRIER BRACKET 360

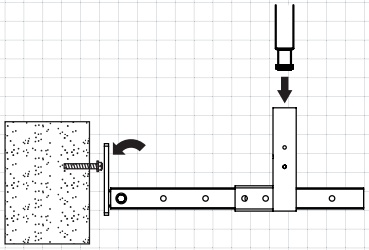
Used to create flexible corners and angels with Barriers and Link Bars.



FLEX SYSTEM

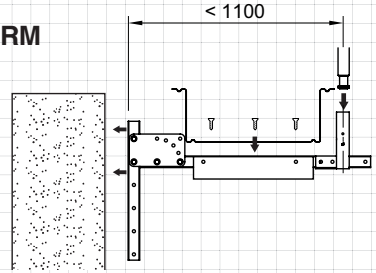
FLEX FACADE BRACKET

Can be mounted on steel, concrete and wood. Make sure the mounting meets the required extension load. Adjust the post socket to the working surface.



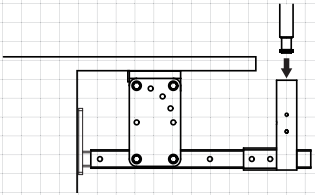
FLEX WORKING PLATFORM

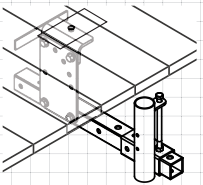
See user's manual for mounting instructions.



FLEX ROOF GABLE ATTACHMENT

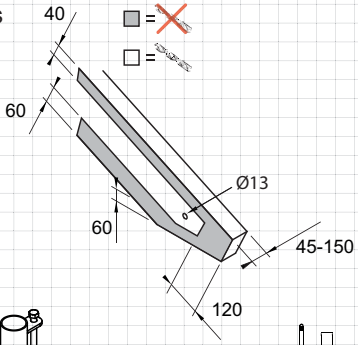
1. Drill holes in the roof and mount the brackets. 2. Adjust to the facade. 3. Adjust the post socket to the working surface.

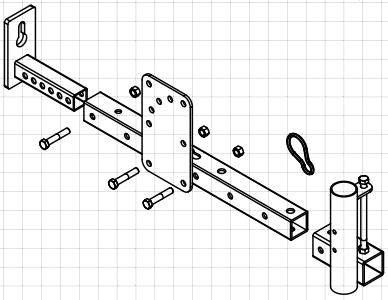


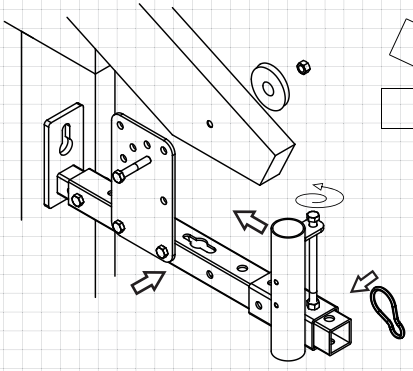


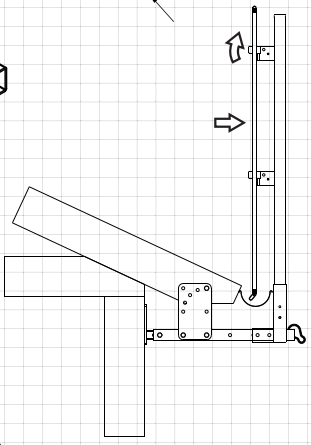
FLEX EAVE BRACKET

Please see the separate user's manual for more information and mounting instructions.







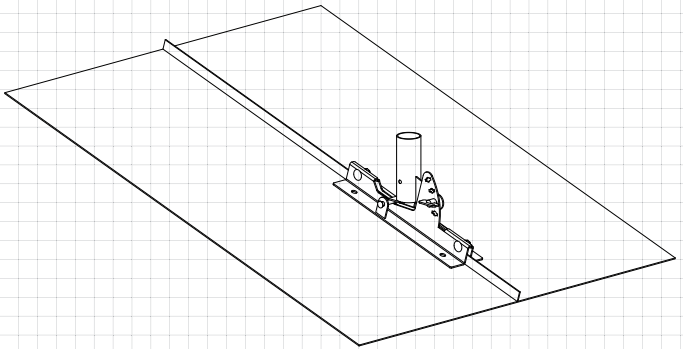


STANDING SEAM BRACKET

Standing Seam Brackets are used on sheet metal roofing with double lock standing seam. The roof must be in good condition and the sheets well anchored to the underlay.

Mount the bracket over the standing seam allowing the seam locks to grip under the seam. Tighten the bolts. The bracket can be adjusted to four positions for roof pitches from 5 - 40°.

NOTE!
The bracket may only be subjected to forces directed parallel to the sheet metal seam.



CHECKLIST FOR MOUNTING

12 06 07

Carry out a careful inspection of your mounting to make certain that it has been done in accordance with the instructions. If you have any questions, please contact SafetyRespect. Please use the checklist below for inspection.

Checklist for mounting of fall protection

Check that:	**More information at page:**
1. The included components have been checked to ensure that there is no damages.	3
2. Holes for bolts/wedge anchors have been drilled to the proper depth and correct dimension, and that the distances between the edges are according to the recommendations.	4
3. The attachment parts are tightened against the foundation and that there is no looseness.	5
4. The posts are mounted and locked to the brackets. The posts should be turned at least half a turn.	13
5. The barrier and link bars is correctly mounted on the correct side of the posts.	14
6. The lower edge of the barrier is close to the foundation.	14
7. The barrier is locked with the railing lock.	14
8. The joints between the barriers are correct.	15
9. The free end of the barrier is a maximum of 300 mm.	15
10. Holes and openings are secured by using required safety straps.	

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