

# Assembly instruction

## Clamp holder for rounded-headed-profile 0 - 40 degree

# REES

REES – Clamp holder for steps and walking gratings will be mounted on double-standing-seams of metal-roofs. Suitable for roof pitches up to 40 degrees.

To meet the EN – 516 requirements (European standards) you have to make sure, that the distance between each holder is not bigger then 80 cm, resp. 31.5 inches. The clip distance on the sub-construction of the roof, has to comply with the regulations of the plumping craftsmanship. The clamp holders have to be mounted on the at least 25mm resp. 0.98 inches high double-standing-seam and only at the areas of the fixing- or sliding-clips.

Older roofs have to be audited before mounting, to check if the double-standing-seams are damaged or if the sub-construction is broken resp. spoiled somehow. It is necessary, that the



### Instructions:

Mount the clamp holders only at the areas of the fixing- and sliding-clips

At first, pre-mount the brackets on the mounting part. Place brackets that the lug shows transposed to the inside. You will now find a parallel gap which fit's completely onto the standing-seam. The mounting part has to be placed on the right side of the brackets. The sloped side of mounting part has to show upside.

Second step: fix the upper angle-part at first with the middling screw. The upper angle-part always shows to the left and is fixed above the brackets. Now you can adjust the roof pitch by means of the perforated scale with an interval of 5 degrees. Make sure that the steps do not drift in direction of the width by more than 3 degrees to the horizontal rule.

Now, place another screw on the oblong hole for additional fixation.

Every screw hast to be checked safely to ensure its fixation. To mount the brackets hold the screws M12 and tighten its nuts with a torque of at least 50 Nm. Maintain the clamp holder and screws after 2 weeks and tighten again if necessary.

Clamp holder are only usable for appropriate steps and walking gratings with a maximum width of 25 cm resp. 9.84 inch! Steps and walking gratings have to be accredited by the European standard EN 516-1 to ensure its safety!



#### **Attention:**

Our clamp holders have no approval for emergency escape routes! Not suitable for any kind of security-harness or safeguard equipment!

“German warranty agency”



Illustrated example:



**Please note our large product range around metal roofs: snow retention systems, step brackets, solarholders and our programm about clips. Further informations you will find on our homepage.**

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