

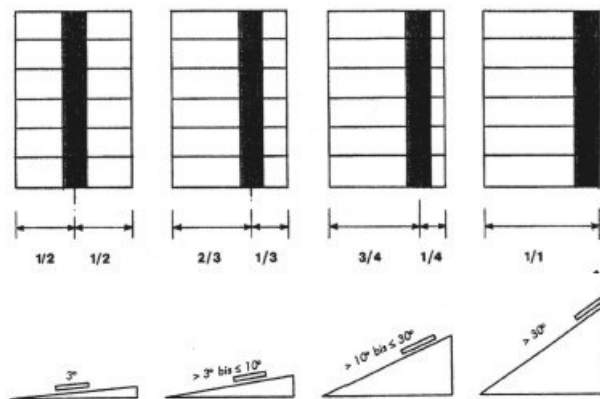
Metal roofings as well as wall covers are exposed to variety different weather conditions and environmental impacts e.g. wind and temperature differences. These conditions cause expansions in length and make the use of fixing and sliding clips indispensable.

Comments for assembly of clips:

- Given that each case of snow load by following AS/NZS 1170 is individually, the execution of clips has to be done according the current guidelines of NZ Metal Roof and Wall Cladding Code of Practice
- Using “double-standing-seam-systems” and “sheet-systems” the layers have to be fixed that way, so that upcoming expansions in length can be composed / equalized at the roof eaves and on the verges. The following indications give information about where the clips have to be placed: Roof pitch, area of penetration and sheet length. How many fixing clips you have to use depends on the following indications: load bearing, roof pitch, expansion possibilities at the verges and eaves.
- The fixing clips will be placed at a scope of 1-3 meters, according to the following illustration. By using snow retention systems or solar modules on standing seam roofs, the number of fixing clips has to be adjusted according to the expected additional load bearing on top of the roofing. For cladding panels the positioning of fixing clip has to be done at the areas of the square folding resp. at the upper area of the sheets.



Illustration shows the designation of fixing clips on roofing layers by considering the roof pitch.



- According to the sheet length you have to consider to use long sliding clips.
- Check materials used. We recommend clips made from stainless steel which fit together with every kind of material.
- If you use structured mat or any kind of sub constructions you have to consider using higher clips to avoid tension and possible pressure or deformation. Corresponding clips with height up to 38 mm are available.
- Please only use nails, pegs or screws which quality is according to the regulations of the guidelines of NZ Metal Roof and Wall Cladding Code of Practice.

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