

Clip Set Out

Setting-out tolerances

Kalzip is manufactured to high engineering tolerances because of the critical nature of the side lap arrangement and engagement over the head of the clip.

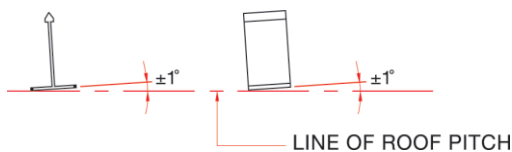
The tolerances outlined are recommended

to enable Kalzip elements to accommodate full thermal movement over the clips without locking and introducing unwanted “fixed points”. It is assumed that the Kalzip element when fixed in place will follow a straight line or single curve over their entire

length. Multiple curves resulting in dips or sudden changes in slope may cause a transfer of “fixed points”. For help and advice consult the Kalzip Technical Department.

Variations in one line of clips

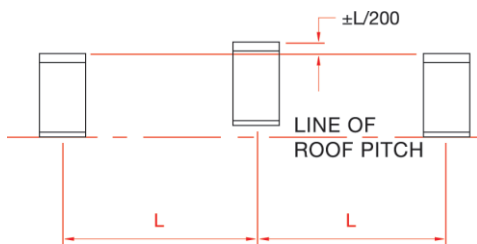
Clips must be vertical on the line of the roof pitch. Structural steelwork must allow for the installation of the clips within the stated tolerances.



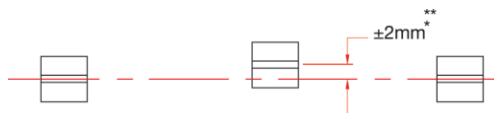
Clips must not be set-out skewed.



Vertical variation of clips heads in line (over any 3 purlins). Structural support must not vary in level between purlins.



Plan variations of clip heads in line (over any 3 purlins).

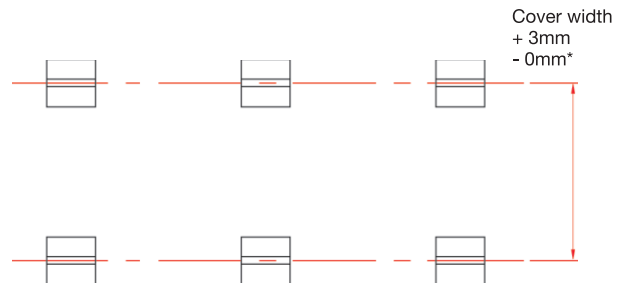


* ± 1 mm when the line of clips is set-out at the system dimension - 1mm

** Under no circumstances should the distance between adjacent clips be less than the system dimension - 2mm

Variations between lines of clips-plan variations

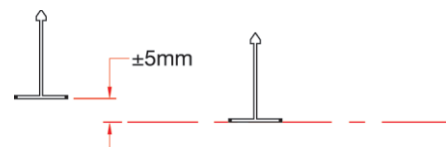
It is recommended that lines of clips are set-out to the system dimension.



* 1mm will be acceptable if limited to a small area of Kalzip sheets, e.g. when “closing” to a predetermined finishing point, gable etc.

Variations between lines of clips-plan variations

It is recommended that lines of clips are set-out to the system dimension.



NB Applies to complete line of clips only.