

HiGrip® Fasteners

HiGrip® is a revolutionary design in roof fasteners that overcomes the traditional problems with crest fixing metal roofing.



When typical roofing screws are used, an indent area can form around the screw due to the operator forcing down heavily while installing the screw. This indent area remains around the fastener, and water entry occurs.

HiGrip® is a unique fastener featuring a secondary thread located at the top of the shank under the washer face. During installation the thread of the HiGrip® forces the roof profile in an upward motion while the washer face is forcing the fastener in a downward motion. The upward pressure at the HiGrip® tends to straighten or reverse the indent made by the initial penetration, therefore preventing the possibility of water entry.

Features of a HiGrip® Fastener



1. The operator feels the thread bite, a clear signal to prevent over-drilling.
2. Restricts over-drilling which leads to ponding or dimpling.
3. Prevents sheet from moving down when roof is walked on.
4. Grips sheet to provide positive joint with EDPM washer.
5. Extrudes metal around the fastener hole upwards making water ingress more difficult.
6. Unthreaded shank prevents profile riding up during fixing.

Crest fixing advantages

- No problem with expansion or contraction, as fastener flexes with roof sheet. No need to hand fix. – no leaks
- Crest fixing is more flexible, so it's difficult to flatten or break washer. – no leaks
- No pan fixing means no damming at fastener heads – no leaks
- No pan fixing means no damming of pollutants (salt, acid rain, etc.) – no corrosion of fastener resulting in leaks