The cost-optimized direct trapezoidal sheet fastening system

For steel and aluminium sheets from 0.5 mm

OPTIMAL INTRODUCTION OF FORCE INTO THE SHEET METAL

Although this fastening system undercuts previously achievable €/kWp system prices once more, the ClampFit Pro system also corresponds to the strict Schletter quality guidelines: An optimal introduction of force is achieved thanks to the side edge fastening. In this way, even very thin trapezoidal sheets are not overloaded in places. Even the loosening of screws by thermal expansion and load alternation is reliably eliminated in this fastening geometry.

POSSIBLE DIMENSIONS

Inclination of the side edges from 8 to 45°

Trapezoidal sheets with minimum height of the side edges: 22 mm
TECHNICAL SPECIFICATIONS

Scope of application
Direct trapezoidal sheet metal fastening system for sheet metal thickness ≥ 0.5 mm

Material
Systems components: Aluminium
Screws: Stainless steel
Dichtung: EPDM

Planning aid
Configuration and structural analysis via Schletter Configurator

Structural analysis
Statische Berechnung gemäß den aktuellen länderspezifischen Normen, in Deutschland DIN EN 1991 (EC1).
Systembedingt 4 Befestigungspunkte je Modul.
Bei hohen Wind- oder Schneelasten bzw. bei großen Modulen kann es erforderlich sein, mehr Befestigungspunkte einzusetzen.

Beachten Sie in jedem Falle die Hinweise zur Statik!
In den allgemeinen Statik-Anlagen ist jeweils der Nachweis der Haltekraft des Daches an der Unterkonstruktion nicht enthalten!

Warranty
25 years according to our warranty terms

Supplementary documents
Assembly instructions ClampFit Pro
Component overview – Special fastening solutions

ATRICLE OVERVIEW

130004-300 ClampFit Pro PU: 100

ACCESSORIES (to be ordered separately)

943000-700 Thin sheet metal screw 5.5 x 25 A2 with gasket
With ETA, ETN, MCS012 and German building authority approval.
For use in Germany, France and the UK in conjunction with ClampFit Pro.
For use on sandwich panels approved for this purpose.
PU: 100

943000-360 Thin sheet metal screw 6.0 x 25 A2 with gasket
With ETA, ETN, MCS012 and German building authority approval.
For use in Germany, France and the UK in conjunction with ClampFit Pro.
PU: 100

943001-232 Thin sheet metal screw 6.0 x 22 A2 with gasket wA
For use outside Germany, France, the UK in conjunction with ClampFit Pro.
PU: 100

NOTE
You need 2 screws per ClampFit Pro