



## IN ROOF

The metal trapezoidal backing sheet ensures that the system is not only fire resistant but also doesn't melt in high temperatures unlike plastic counterparts available on the market.

1.7kN minimum uplift resistance per screw, as we use 0.7mm thick trapezoidal sheet. This means each rail has a minimum pull out value of 6.8kN.

12 screws per sheet are securely fastened to the substructure. Each screw achieves 5.5kN from 30mm timber, so a single sheet can achieve a minimum of 66kN (27.5kN/m<sup>2</sup>) pull out.

EPDM is used to separate materials and to further weatherproof the fixing holes. This is pre-assembled onto the rail ready for immediate installation.

Flashing all around the array ensures the system is fully weatherproof.



**10.38kg/m<sup>2</sup>**

Weight

**All**

Suitable roofing tiles

**1°-45°**

Suitable roof pitch

APPROVED PRODUCT



**Portrait & landscape**

Module orientation

**Aluminium, stainless & galvanised steel**

Material

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