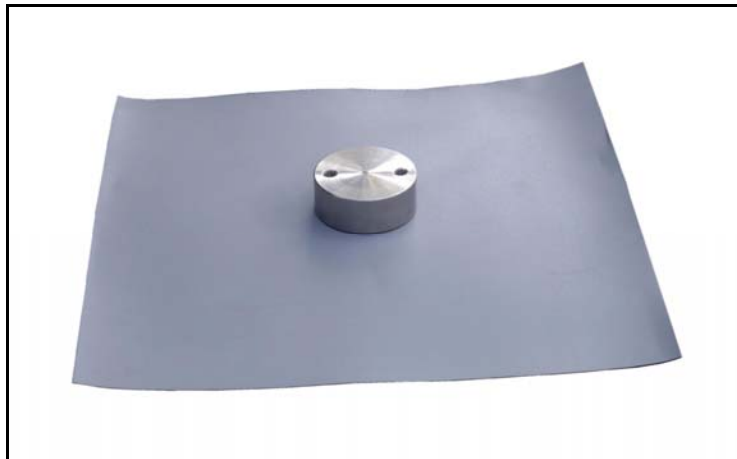


Fatra Integrated Fixing Point

Product Description

A low profile anchor point providing support and wind uplift resistance supplied pre-fitted with Fatra membrane.

This fixing point is suited to retrofit and new build applications and can be installed in a horizontal or vertical plain. The multi-holed fixing plate provides anchorage to the building substrate and is completely covered by the attached weathering membrane. The multiple fixing holes allow a quantifiable uplift resistance to be calculated when fixed through the insulation into a specified roof deck or masonry. The fixing plate will support loadings according to insulation manufacturers compression figures for long term static load.



The external part of the fitting is a stainless steel mounting patrice 75mm Ø with 2No. M10 threaded holes providing a universal fixing point. All forces applied to the fitting are transferred directly to the fixing plate beneath via the unique CPT™ Constant Pressure Technology concept.

Once installed, the pre-attached Fatra membrane is then sealed to the surrounding membrane in the normal manner leaving all fixings within waterproofing layer.

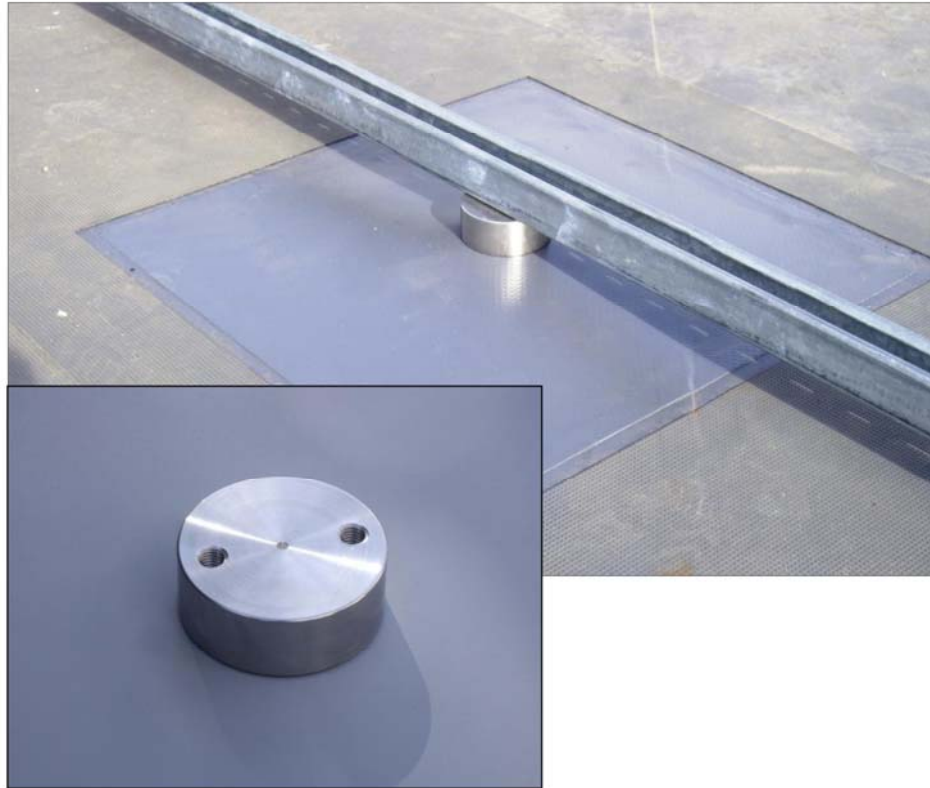
One advantage of this fitting is that a direct connection into purlins or rafters, as commonly required with other fixing methods, is not necessary giving freedom of location.



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- **Fast Installation**
Only minutes per unit
- **Low profile**
Less than 45mm from roof
- **Universal application**
A multitude of uses
- **Compatibility assured**
Factory fitted with specific membranes
- **100% weatherproof**
All fixings are below the membrane

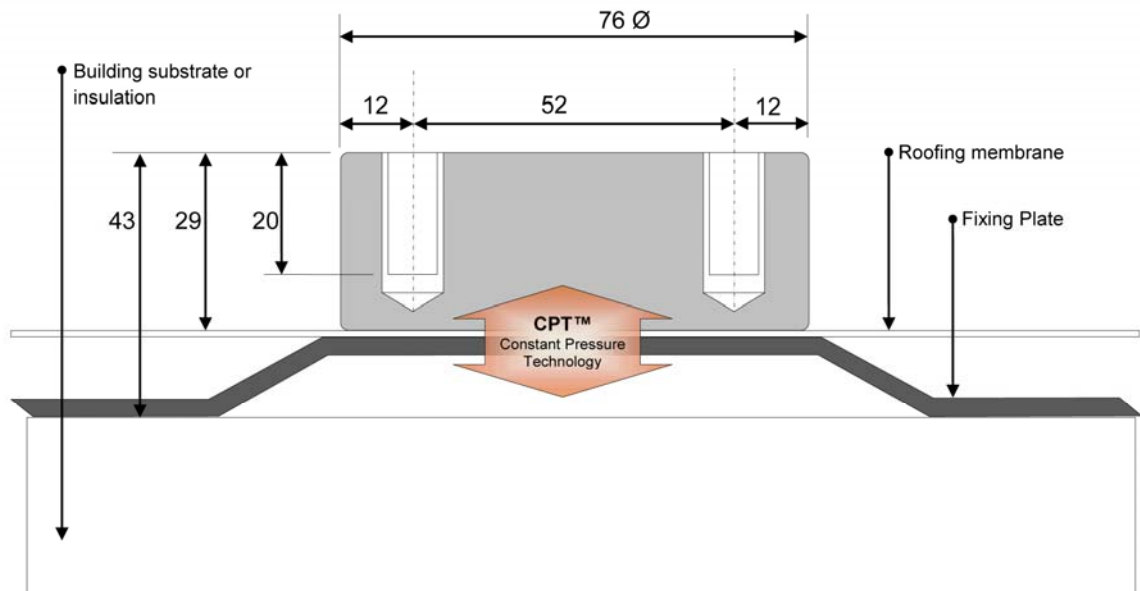
Typical uses include solar panels, solar frame supports, roof top plant, air conditioning unit supports, unistrut framing, cable trays, access equipment , ladder supports, balustrade connections & signage.



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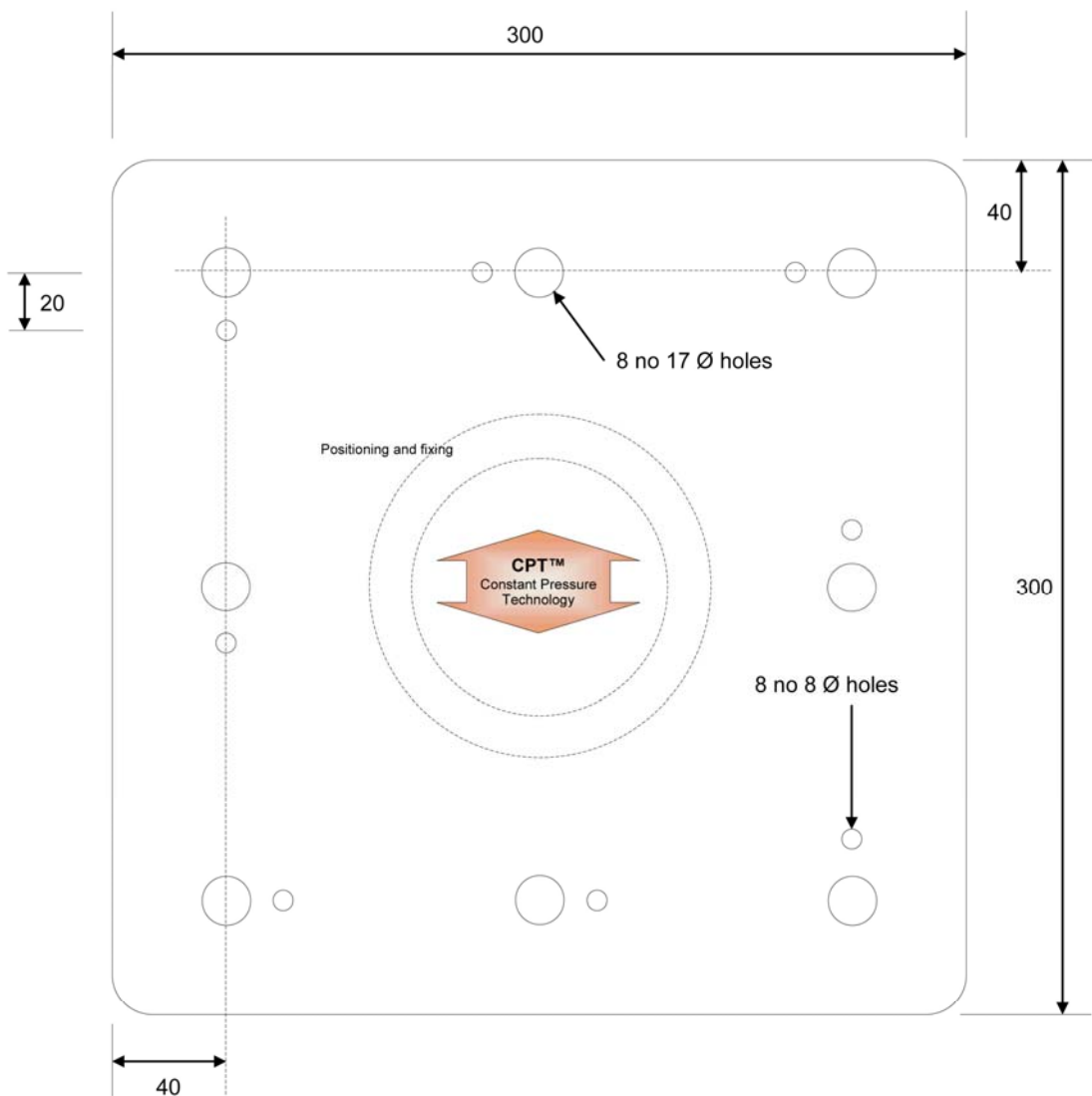
Anchor point dimensions



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Fixing plate dimensions

3mm mild steel fixing plate with powder coated finish has different sized fixing holes for standard and thermally broken fixing types



Note;
Roofing membrane extends approx 100mm beyond the outside edge of the fixing plate

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Fatra Integrated Fixing Point: Installation

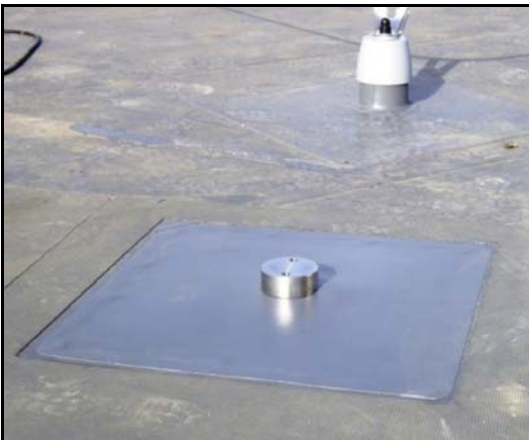
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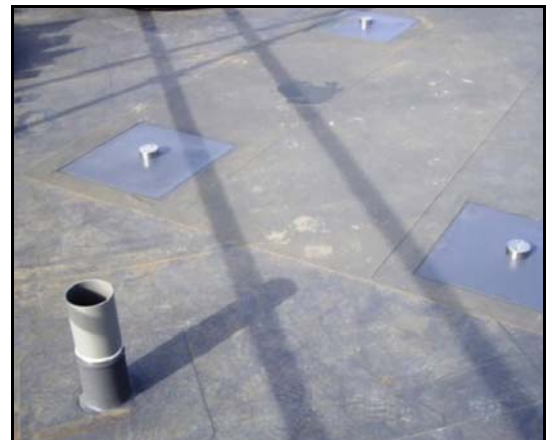
The IFP is positioned and secured in position with appropriate type and length fixings



The membrane is heat welded to the surrounding roof field area



The IFP installation is now complete and ready for use



Uni-strut or other fittings and fixtures can be bolted directly to the roof using M10 bolts



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Technical Data

Static loading in Kg					
Insulation manufacturers long term static load ratings	20Kpa	30Kpa	40Kpa	50Kpa	60Kpa
IFP loading capacity per post in kg	125kg	187kg	250kg	312kg	375kg
Typical Uplift Values in kN*			No of fixings per unit		
Substrate type	Thickness	kN per fixing	4 no fixings	6 no fixings	8 no fixings
Steel Decking	0.7mm	1.6	6.4 kN	9.6 kN	12.8kN
	0.9mm	2.2	8.8 kN	13.2 kN	17.6 kN
	1.2mm	2.7	10.8 kN	16.2 kN	21.6 kN
	1.6mm	4.0	16 kN	24 kN	32 kN
Plywood	18mm	2.2	8.8 kN	13.2 kN	17.6 kN
OSB	18mm	2.2	8.8 kN	13.2 kN	17.6 kN
Softwood boarding	25mm	3.4	13.6 kN	20.4 kN	27.2 kN
Softwood joist	35mm embedment	4.1	16.4 kN	24.6 kN	32.8 kN
<p><i>*Based on the FHD-6.1 range of fasteners. The above values are typical test results and do not include safety factors and are intended as a guide only. On-site pullout tests should be carried out to determine the actual uplift values.</i></p>					

The above data should be checked against actual site conditions for accuracy

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