

Universal plate

The universal plates are design to install the horizontal lifeline travflex™ 2 or the anchorage point ringflex on light structures. There are 2 versions available depending the application:

- a) Plate for extremity and intermediate bracket
- b) Plate for curve bracket

The plate for extremity and intermediate is also used with the ringflex anchor point.

The extremity and intermediate plates have been tested to withstand a force of 15kN.

The curve plates have been tested to withstand a force of 20kN.

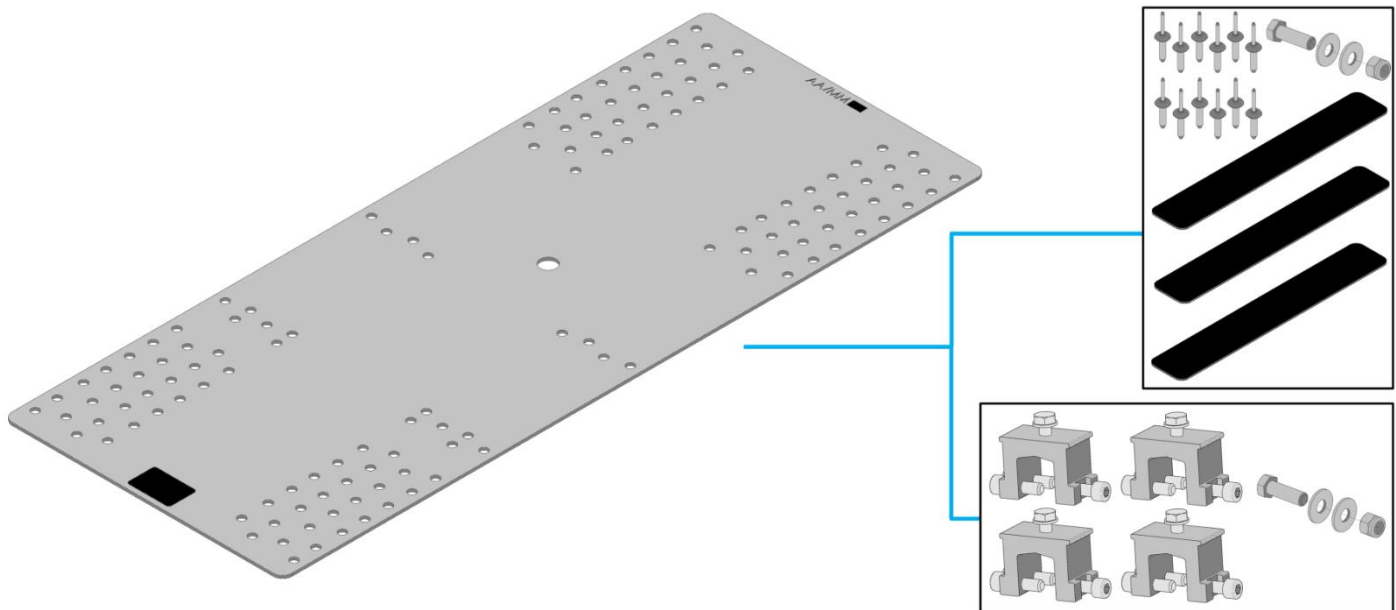
The distance between travflex™ 2 brackets can be between 5m to 15m on any of the structure mentioned hereafter.

Structure

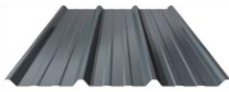
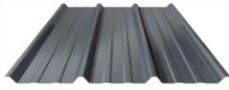
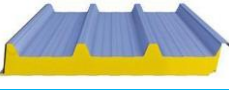

The plates are compatible with a wide range of roof covers including:

- Trapezoidal steel sheet
- Sandwich panel
- Aluminium standing seam

Depending the configuration, the plate is fixed on the support with a kit of 4 clamps or a kit of 12 rivets.



Configuration

Type of structure	Pitch distance	Illustration	Lifeline application		Kit
			Straight	Curve	
Metal sheet roofing Panel material: steel Min. thickness: 0.4 mm	Pitch distance: 200-350 mm		✓	✗	12 rivets
Metal sheet roofing Panel material: steel Min. thickness: 0.63 mm	Pitch distance: 200-350 mm		✓	✓	12 rivets
Sandwich panel External sheet material: steel Min. thickness ext. sheet: 0.4 mm	Pitch distance: 200-350 mm Panel thickness: 30-200 mm		✓	✗	12 rivets
Standing seam type Kalzip Panel material: aluminium Min. thickness: 1.0 mm	Pitch distance: 300-500 mm		✓	✓	4 clamps

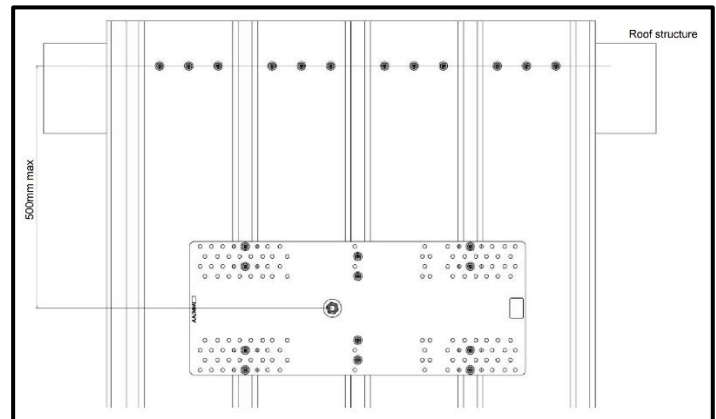
Installation



Reinforcing screws must be installed according to the installation manual. These screws prevent the panel from being ripped off the existing roof in the event of a fall.

Use the screws recommended by the roof supplier or similar. If this is not possible, make sure to choose appropriate screws according to the type of roof (take into account the thickness of the insulation on sandwich panels) and the thickness of the supporting structure. The screws must be equipped with a sealing washer.

These screws shall be located no more than 500mm away from the centre of the universal plate (represented by the hole for the M16 screw).



Codes information

Code	Description
206888	Universal plate for extremity and intermediate bracket in stainless steel (thickness 3mm) *
207788	Universal plate for extremity and intermediate bracket in galvanized steel (thickness 3mm) *
206878	Universal plate for curve bracket (thickness 5mm)
232577	Kit 4 clamps in aluminium
232587	Kit 12 rivets + rubber sealing band

* plate also applicable for ringflex anchor point

Every universal plate is delivered with its installation manual

Every kit 4 clamps and the kit 12 rivets are delivered with 1x screw HM16, 2x M16 washers, 1x M16 locknut.

Properties

Code	Description	Length x width x thickness	Material	Weight
206888	Universal plate for ext/int stainless steel	746 x 296 x 3 mm	Stainless steel 304L	5 kg
207788	Universal plate for ext/int galva	746 x 296 x 3 mm	galvanized steel	5 kg
206878	Universal plate for curve stainless steel	746 x 296 x 5 mm	Stainless steel 304L	8 kg
232577	Kit 4 clamps in aluminium	71 x 38 x 52 mm (1 clamp)	Aluminium	1 kg
232587	Kit 12 rivets + rubber sealing band		Aluminium	0.5 kg

End note

The universal plate is developed and manufactured by Tractel®. For any use other than describe in this document or the installation manual of the universal plate, please contact your Tractel® representative.