

Venduct®

## Solar Panel Support

**KLOBER**

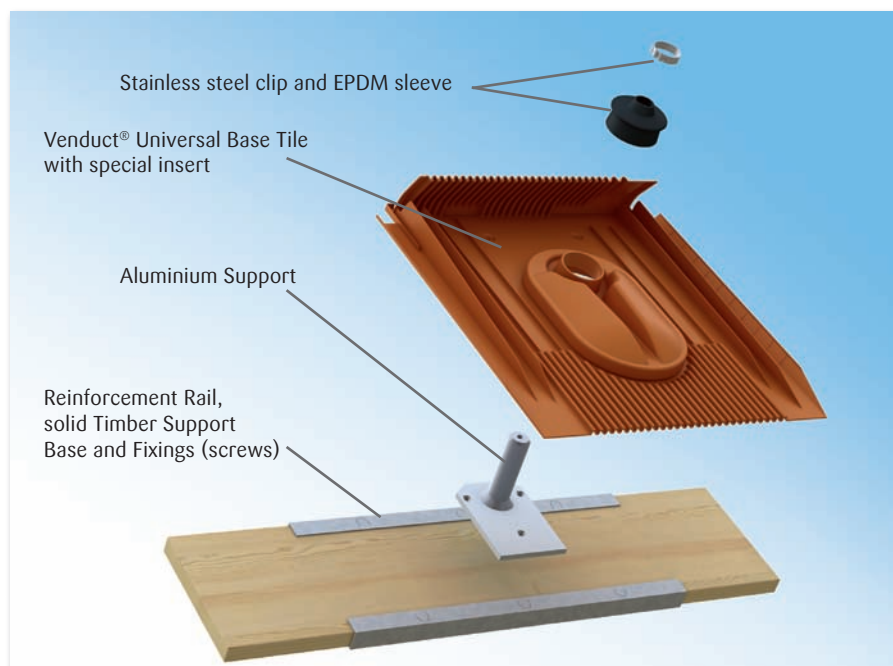
SOLAR-LINE



The increasing frequency of storms and heavy snowfall is putting greater pressure and strain on the Supports used for fixing solar panels. The hooks, which are commonly used, are often not able to cope with such loads. This can lead to serious roof damage and damp.

Klober's Solar Panel Support can absorb high forces (such as the ones caused by heavy wind loads) of up to 2500N without putting any strain on the roof tiles themselves.

The Bracket's design prevents humidity from entering the roof and the EPDM sleeve ensures that it is rainproof.



### Product features & benefits

- Since there is no load on the roof tiles themselves, the Support protects the tiles against breakages and subsequent leaks
- Its high load-bearing capacity means that strain is transmitted directly on to the roof structure
- Variable bracket position, independent of the rafters
- EPDM sleeve provides watertight seal
- No need to move or cut roof tiles
- Universal Base Tile allows Solar Bracket to be used on many different types of tile profiles
- An additional rafter support may be required if the rafters are narrower than 50mm

### Application area

Suitable for:

- Roof pitches 16° - 65°
- Suitable for use with a large range of tile profiles
- Adapters allow it to be used with many different PV rail systems

### Material

Solar Panel Support Kit: aluminium

U-profile: galvanised steel

Seal: EPDM sleeve and stainless steel clip

Base tile & insert: PVC

Timber Support Kit: waterproof bonded multiplex board

Screws: stainless or galvanised steel

### Colours

Brown

Slate grey

Terracotta

### Dimensions

Base Tile:

450 long x 400 wide x 550mm deep

Hook:

140 long x 100 wide x 110mm deep

Timber Support Board:

85cm: 850 long x 200 wide x 25mm deep

105cm: 1050 long x 200 wide x 25mm deep



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Weight (per carton)

Solar Panel Support Kit	4kg
Timber Support Kit 850mm	6kg
Timber Support Kit 1050mm	9.8kg

Packaging (pieces per carton)

Solar Panel Support Kit	2
Timber Support Kit	2

Product codes

Solar Panel Support Kit	KE8170
Timber Support Kit 850mm	KB8185
Timber Support Kit 1050mm	KB8105

Colour codes

Brown	0247
Slate Grey	0429
Terracotta	0150

Related products

- Solar Cable Outlet
- Solar Thermal Outlet
- Sealing Collar
- Easy-form® Solar Panel Flashing Apron



Solar Panel Support Kit

Comprises:  
 2 Solar Panel Supports  
 2 Universal Base Tiles  
 EPDM Sleeve & Clip

Timber Support Kit

Comprises:  
 2 timber boards  
 4 reinforcement metal bars



Technical data

Forces (Force introduced 18 cm via counter-batten)	max. pressure at right angles to the roof	2500 N
	max. pull at right angles to the roof	-2500 N
	max. pull, parallel to the side	900 N
	max. push, parallel to the roof	1200 N
Max. centre between rafters	with 30/50-size rafters: 80 cm (2.4cm wooden base), with 40/60-size rafters: 100 cm (3.3cm wooden base)	
Min. rafter thickness	=> 6 cm	
Max. rail length	Aluminium <= 600 cm	
	Steel <= 1200 cm	