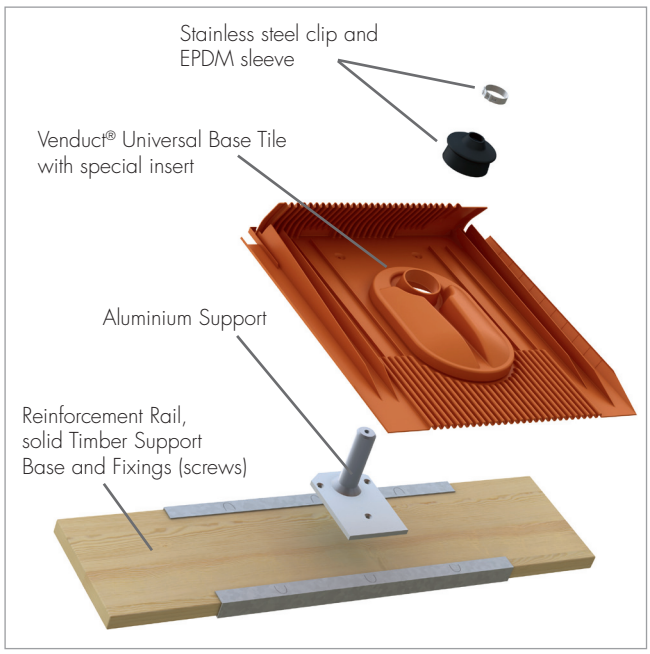
Venduct® Solar Panel Support

The simple, solid and safe solution for fixing solar systems



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

Weight (per carton)

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

Related products

- Solar Cable Outlet
- Solar Thermal Outlet
- Sealing Collar
- Easy-form® Solar Panel Flashing Apron
- SOLAR-LINE
- Solar Panel Support Kit
- Comprises

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 tothe 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

Area of application

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

Product codes / colours

Venduct® Solar Panel Support
KE 8170 Terracotta (-0150), Brown (-0247), Slate Grey (-0429)

Timber Support Kit KB 8185 (850mm)/KB 8105 (1050mm)

Packaging

Venduct®

Solar Panel Support	2 pcs/carton	20 pcs/pallet
Timber Support Kit	2 pcs/carton	68 pcs/pallet (KB 8185)
	2 pcs/carton	39 pcs/pallet (KB 8105)

TECHNICAL DATA

Forces	max. pressure at right angles to the roof	2500N	max. pull at right angles to the roof	-2500N
(Force introduced 18 cm via counter-batten)	max. pull, parallel to the side	900N	max. push, parallel to the roof	1200N
Max. centre between rafters	with 30/50-size rafters: 80cm (2.4cm wooden base), with 40/60-size rafters: 95cm (3.3cm wooden base)			
Min. rafter thickness	≥ 6cm			
Max. rail length	Aluminium ≤ 600cm Steel ≤ 1200cm			
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)			

TS-SL#06-UK-0114. We assume no liability for typing errors.

Klober Ltd
Unit 6F · East Midlands Distribution Centre · Short Lane · Castle Donington · Derbyshire · DE74 2HA
Tel. +44 (0)1332 813 050 · Fax +44 (0)1332 814 033 · info@klober.co.uk · **www.klober.co.uk**

KLÖBER