

FATRASOL

Product information FATRASOL Model 576

Product contains four PV Laminates 144 UNI-SOLAR

Technical specification

| | |
|-------------------------|--|
| Length | 5,80 m |
| Width | 2,05 m |
| Thickness | 4,0 mm |
| Waterproofing layer | Fatrafol P 918 SG |
| Color of 918 SG | White-grey (RAL 7035) |
| Adhesive | Ethylene propylene copolymer adhesive-sealant with microbial inhibitor |
| PV laminates | 4 x Uni-Solar PVL 144 W connected in series |
| Protection layer | Durable high light-transmissive ETFE (e.G. Tefzel®) |
| Weight | 54,8 kg |
| Weight / m ² | 4,53 kg/m ² |

Electrical specification - PVL 144 connected in series

| | |
|---------------------------------------|----------------------|
| Nominal power P _{mp} | 576,0 Wp |
| Open-circuit voltage V _{oc} | 184,8 V |
| Voltage at Pmax V _{mp} | 132,0 V |
| Short-circuit current I _{sc} | 5,3 A |
| Current at Pmax I _{mp} | 4,3 A |
| Maximum voltage on circuit | 1000 V |
| Connector type UNI SOLAR PVL | PV-KBT3.., PV-KST3.. |

Warranties

| | |
|-----------------------------------|---|
| Tolerance Pmax | ± 5% |
| Warranty on power output | 25 years warranty min. 80% nom. power Pmp |
| Certification of PV laminate | IEC 61646 v1, IEC 61646 v2 a 61730, TÜV cert. |
| Protection against electric shock | Safety class 2 (TÜV) |

