



## PV-TEC 2000 Drainage System



**1** Fibre cement is demounted in sections and planked 25mm with vertically arranged rough-sawn wooden planks.

**2** With a steel purlins roof, the purlins are extended beforehand with square beams.



**3 u. 4** End plates provided by the customer form the new ridge together with the uppermost system bar. The ridge plates are regularly supported and sealed with corrugated foamed material and our Dichtgum before they are screwed on the supports and the fibre cement sheets. At the same time, the ridge plates are screwed on the close angle on the system bar. As a result, the outgoing air under the modules is routed into the building.



**5** Shows a Northern roof partly rehabilitated with corrugated fibre cement sheets in the foreground and the completely new drainage layer prior to the bar and module assembly on the Southern roof.



## PV-TEC 2000 Drainage System - Assembly Details



For the roof integration of modules with frames as well as laminates and glass-glass modules of all kinds.



The PV-TEC-2000 Drainage System is especially suitable for the rehabilitation of complete roofs which have a smooth roof superstructure as a basis or where this superstructure can simply be produced. SOLTECH Drainage layers (1 and 2m wide, up to 20m long) are simply rolled out and laid overlapping each other. They are screwed on by means of the higher parts in the drainage layer. The drainage layer is durable. When exposed to strong solar radiation, it becomes a bit soft. With big flat roofs, the horizontal overlaps can also be sealed apart from the lateral overlaps of the drainage layer. The system bars are also screwed on the substructure by means of these raised parts and by using mounting brackets. The mounting brackets enable to produce any distance between the system bars.



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