Technical Planning Aid

Pitched roof and flat roof structures



Project	
Customer	
Contact	
Phone / E-Mail	
Address of installation	
Street / No.	
Postal code / Town	
Exposed position	yes no
Distance to sea	☐ < 100m ☐ > 100m
Type of roof	
Pitched roof	☐ Double pitched roof ☐ Pent roof
(> 5° roof pitch)	Hipped roof Barrel roof
	Roof pitchdegrees
Flat roof (< 5° roof pitch)	Parapet Height cm
	☐ Without parapet
	Roof pitchdegrees
Other roof types	
Roof dimensions	
	Roof width (verge to verge)cm
	Roof height (eaves to ridge)cm
	Building height (ground to ridge)cm
Roof covering	
Pitched roof	☐ Tile ☐ Plain tile
	Pantile tile Slate tile
	Trapezoidal sheet metal without insulation
	Material Sheet thicknessmm
	Corrugated roof
	Fibre-cement boards Sandwich height
	Sandwich roof (center + corrugation height)mm
	Distance of corrugation
	Others



Root covering	
Flat roof	☐ Foil ☐ Gravel
	☐ Bitumen cladding ☐ Green roof
	Others
Connection to the roof	
Connection to the root	☐ to rafters ☐ to purlins
	to rafters to purlins
	Material
	Distance (rafter middle to rafter middle) cm
	Measure (WxH) x cm
	Distance to eaves/verge cm
	connected to roof covering
	with ballast without or with low ballast
Modules	
Tioudics	Number of modules Type of module
	Module weight kg
	Module size (LxWxH) x x cm
Mounting	
	roof parallel elevated
Module orientation	□ portrait □ landscape
Module field	Rows Columns
	Elevation angle degrees
	Distance between rows cm
Additional documents	
Required:	Drawing of the PV system / Roof plan
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Auxiliary:	Photo of roof
	Photo of building
	Photo of building / roof structure from inside
	Drawing of roof section / description of roof construction
	Plan of rafters / purlins
	available load calculation, statics
	Datasheet of the module
	Datasheet of roof covering (e.g. trapezoidal metal or sandwich roof)