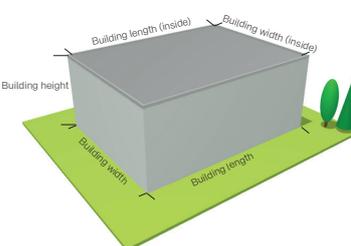
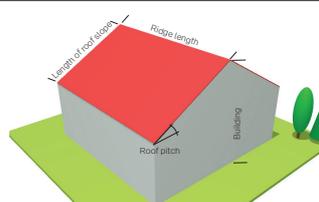


Data collection sheet for elevated PV systems

Please complete the entire data collection Sheet. Send us all the plans, sketches and pictures. All information relevant for planning (Maintenance Aisles, Lightning Protection, Shade Sources etc.) have to be given in a roof sketch.

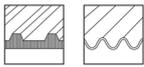
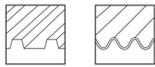
Customer Data and Project Name	
Company:	
Contact Details:	
Project name and adress:	

Environment (Alternative: Determination with Address of plant site)					
Terrain Category	I Sea, coastal area <input type="checkbox"/>	II Rural <input type="checkbox"/>	II-III Residential area (mixed area) <input type="checkbox"/>	III Residential area / forest <input type="checkbox"/>	IV City <input type="checkbox"/>
Altitude (m above sea level):		Additional terrain information	Inland <input type="checkbox"/>	Coast <input type="checkbox"/>	Island <input type="checkbox"/>
Wind load zone	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>		Snow load zone	1 <input type="checkbox"/> 1a <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 3a <input type="checkbox"/>	
Direct load specification (kN/m ²)		Wind load:		Snow load:	

Roof details	
Flat roof	
Building width (m):	
Building length (m):	
Roof pitch (°):	
Building width (inside) (m):	
Building length (inside) (m):	
Building height (m):	
	
Other:	
Pitched roof	
Length of roof slope (in m):	
Ridge length (in m):	
Roof pitch (in °):	
Building height (in m):	
	
Parapet	yes <input type="checkbox"/> no <input type="checkbox"/>
Parapet width (m):	
Parapet height (m):	
Building orientation towards north:	°
Pitched roof	<input type="checkbox"/>
Single pitched roof	<input type="checkbox"/>
Hipped roof	<input type="checkbox"/>
Building orientation towards north:	°

Roofing		 	
Flat roof			
Type of Roof Sealant:	Bitumen <input type="checkbox"/> Foil: PVC <input type="checkbox"/> FPO <input type="checkbox"/> TPO <input type="checkbox"/> EPDM <input type="checkbox"/> EVA <input type="checkbox"/> other: <input type="checkbox"/>		
Producer:		Label:	Age (years):
Insulation:	Mineral wool	Hard foam: EPS <input type="checkbox"/> XPS <input type="checkbox"/> PIR <input type="checkbox"/> other: <input type="checkbox"/>	
Producer:		Label:	
Allowed extra load	Building:		Insulation (kN/m ²) (reserve load):
Roof construction:	Gravel <input type="checkbox"/> Roof greening <input type="checkbox"/> without <input type="checkbox"/>		Layer thickness (cm):
Usable as ballast:	yes <input type="checkbox"/> no <input type="checkbox"/>		Density (kN/m ³):
Other:			

Data collection sheet for elevated PV systems

Roofing					
Corrugated / Sandwich roof		Trapezoidal- / Corrugated Metal roof			
Material ¹	Steel <input type="checkbox"/>	Aluminum <input type="checkbox"/>	Mounting	Direct <input type="checkbox"/>	Stock screw <input type="checkbox"/>
Rib spacing (mm):			Material	Steel <input type="checkbox"/>	Aluminum <input type="checkbox"/>
Sheet thickness (mm) ¹ :			Rib spacing (mm):		
Profile height (mm):			Sheet thickness (mm):		
Tensile strength (N/mm ²) ¹ :			Rib height (mm):		
Rib crest width (mm) ¹ :			Tensile strength (N/mm ²):		
			Rib crest width (mm):		
Other:			Other:		

¹ not necessary for corrugated metal

Roof construction					
Timber rafter			Wood- / steel purlin		
Rafter spacing (cm):		Number of Rafters:		Purlin spacing (cm):	
Rafter width / height (cm):				Purlin width/ height (cm) ² :	
Gap first and last rafter (cm):			Type ³ :		Material thickness (mm) ⁴ :

² only necessary for timber rafter; ³ Steel purlin Type: Z-, I-, C-Profile or box purlin; ⁴ only necessary for steel purlin

Module					
Module type:		Wp:	Item No.		Data sheet attached: <input type="checkbox"/>
Module length (mm):		Modul width (mm):		Frame height (mm):	
Frame color	black <input type="checkbox"/>	blank <input type="checkbox"/>			

Mounting system					
Flat roof	East-West <input type="checkbox"/>	South <input type="checkbox"/>	Single-layer <input type="checkbox"/>	cross-layer <input type="checkbox"/>	
Base trough	without protection layer <input type="checkbox"/>	protection layer <input type="checkbox"/>	Pads <input type="checkbox"/>	for gravel <input type="checkbox"/>	
Pitched roof					
Mounting type	top-fix <input type="checkbox"/>	side-fix <input type="checkbox"/>	Module attachment	Clamping system <input type="checkbox"/>	Insertion system <input type="checkbox"/>
Module orientation	landscape <input type="checkbox"/>	portrait <input type="checkbox"/>	Rail connection	single layer <input type="checkbox"/>	cross-rail connection <input type="checkbox"/>
System size	max. possible <input type="checkbox"/>	Number of modules:		Rows:	Columns:

Notice / Sketch: