

DESIGN FORM

<p>COMPANY:</p> <p>Contact:</p> <p>Function:</p> <p>Tel:</p> <p>E-mail:</p>	<p>PROJECT:</p> <p>Location:</p> <p>Google Earth coord. :</p> <p>Altitude:</p>
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PROJECT STADIUM:

OFFER

ORDER:

Expected date:
 structural drawing:
 delivery on site:

SYSTEM TYPE:

FlexRoof – N-S system

landscape

Slope: 10° 13° 15° 18°

21° 24° 26° 28° 30°

FlexRoof – E-W system

landscape

Slope: 11° 16°

1. SOLAR CONFIGURATION

Please add final implantation plan of roof with PV-modules (DWG format).

2. PV-MODULE

* Brand:

* Type:

* Dimensions:
width:.....[mm], length:.....[mm], height:.....[mm]

* Weight: [kg]

* Total number of PV-modules:

3. ROOF GEOMETRY

Building dimensions (L x H): [m] x [m]

Height of building (H_R): [m]

Height of parapet (h_p): [m]

Roof slope: [°] in:

South-North direction

West-East direction

Friction coefficient (μ):

Maximal acceptable load on roof: [kg/m²]

4. BALLAST TILE

<p><input type="checkbox"/> Standard ballast:</p> <p>*Dimensions: 290x190x90 mm</p> <p>*Weight: 8,6 kg</p>	<p><input type="checkbox"/> Other:</p> <p>Width:.....[mm]</p> <p>Length:.....[mm]</p> <p>Height:.....[mm]</p> <p>*Weight:[kg]</p>
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5. LOADS

Snow load: Snow zone:

Altitude: [m AMSL]

Wind load: Wind zone:

Terrain category:

If there exists in the neighbourhood a building minimum twice as high as the building with FlexRoof installation, please fill in:

- Height of neighbouring building:[m]
- Distance to FlexRoof installation:[m]

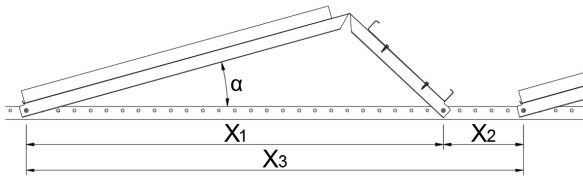
Additional remarks:

Name: Date: Signature:

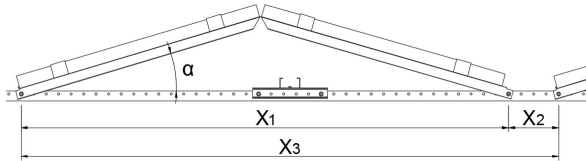
DESIGN FORM

GEOMETRY

FlexRoof – N-S system



FlexRoof – E-W system



triangle	α	X_1	X_2	$X_3=X_1+X_2$
R401	<input type="checkbox"/> 10°	1300	...	...
	<input type="checkbox"/> 13°	1250	...	...
R402	<input type="checkbox"/> 15°	1300	...	...
R403	<input type="checkbox"/> 18°	1600	...	...
	<input type="checkbox"/> 21°	1550	...	...
	<input type="checkbox"/> 24°	1500	...	...
	<input type="checkbox"/> 26°	1450	...	...
	<input type="checkbox"/> 28°	1400	...	...
	<input type="checkbox"/> 30°	1350	...	...

triangle	α	X_1	X_2	$X_3=X_1+X_2$
R421	<input type="checkbox"/> 11°	2000	...	...
	<input type="checkbox"/> 16°	1950	...	...