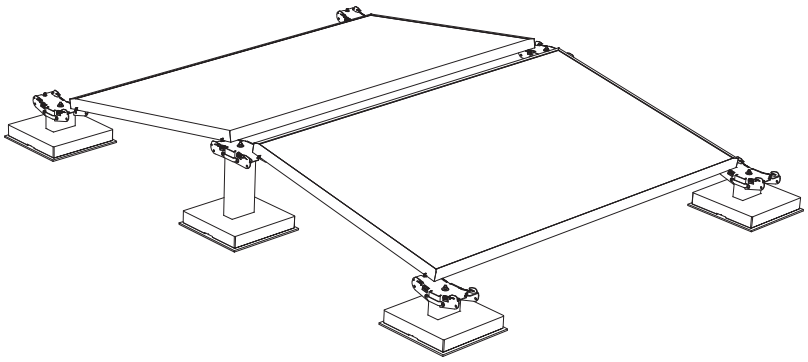
Renusol
Solar Mounting Systems

Technical Specification Sheet

FS10



General

System	Ballast PV mounting system for flatroofs
Building type	Industrial, agrarian and residential
Rooftypes	Bitumen, concrete, foil, gravel
Roof slope	max 5°
Material	Building protection mat: recycling material: Aluminium laminated and unlaminated Foot: concrete C45/55 Pillar: aluminium Crown: stainless steel
Module inclination	10° (with 60 cell module)
Net weight [kg] approx.	Ridge 12.5 kg, Eave 12 kg
Dimensions [mm]	Building protection mat: 320x320x6 Concrete foot: 300x300x50 Support leg ridge(height): 332 Support leg eave (height): 148
Ridge-/eave gap [mm] approx.	84 to 120
Snowload module s_k (kN/m²)	2.0

Certifications

Windloads	By Eurocode 1 „Influences on bearing structures“ EN 1991-1-4:2005 + national Annex. Ballasting and coefficient of friction μ =0,5 is to be determined and ensured upon object.
TÜV (DE)	in preparation

Services

Productgaranty	10 years
Training	yes/on site on request
Plant layout	Renusol Service
Support	By phone, via E-Mail, on site

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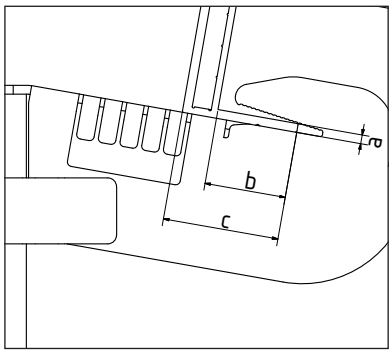
Module compatibility

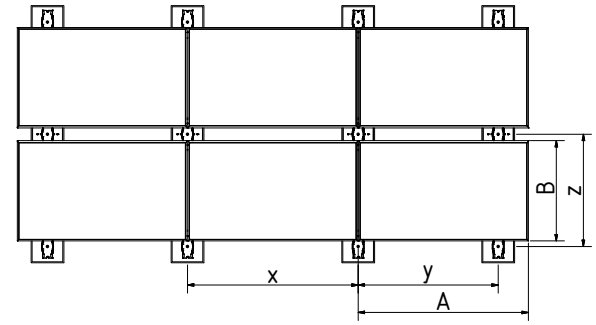
Module types	framed PV-modules with frame strap and approval for clamping in corner region
Module size (max)	Length: unlimited, Width: approx. 1m
Module orientation	landscape

Framed PV-modules with frame strap and approval for clamping in corner region. Suitable for following geometries:



a [mm]	b min. [mm]	c max. [mm]
1.4	20.0	40.0
1.5	19.3	39.3
1.6	18.6	38.6
1.7	17.9	37.9
1.8	17.3	37.3
1.9	16.6	36.6
2.0	15.9	35.9
2.1	15.2	35.2
2.2	14.5	34.5
2.3	13.8	33.8
2.4	13.2	33.2
2.5	12.5	32.5
2.6	11.8	31.8
2.7	11.1	31.1
2.8	10.4	30.4
2.9	9.7	29.7
3.0	9.1	29.1
3.1	8.4	28.4
3.2	7.7	27.7
3.3	7.0	27.0

Geometry



x = A+10mm
y = A-0.25xA
z ~ B x 1.1