



System datasheet FS10-EW

General

System	Ballasted PV-mounting system
Components	Ground rails, rail connector, building protection mat, low post, high post, clamps
System warranty	10 years
Application area	Flat roof on industrial, agricultural and residential buildings
Roof covering	Bitumen, concrete, foil, gravel
Roof slope	max. 3° without additional measures

System properties

System orientation	East-West
Module tilt	10°
System weight approx.	1.15 kg/m² plus ballast (project specific)
Weight PV-module included approx.:	11.8 kg/m² plus ballast (project specific)
Friction coefficient	$\mu = 0,5$ is to be determined and ensured upon installation surface.
Material	Aluminum, stainless steel , rubber granulate
Minimum edge distance	0,6 m

PV-Modules

Type	Suitable for standard 60 and 72 cell panels. Approval for panel corner clamping is to be obtained.
Module width	950-1,050 mm
Orientation	Horizontal/Landscape

Certifications

Wind loads	Determined in wind tunnel tests by Ruscheweyh Consult GmbH
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Services

Ballast plan	Provided by Renusol
Layout	Provided by Renusol