

# AERODYNAMIC FLAT-ROOF SYSTEM **SNOW.FLAKE**

PRODUCT OVERVIEW



# SNOW.FLAKE

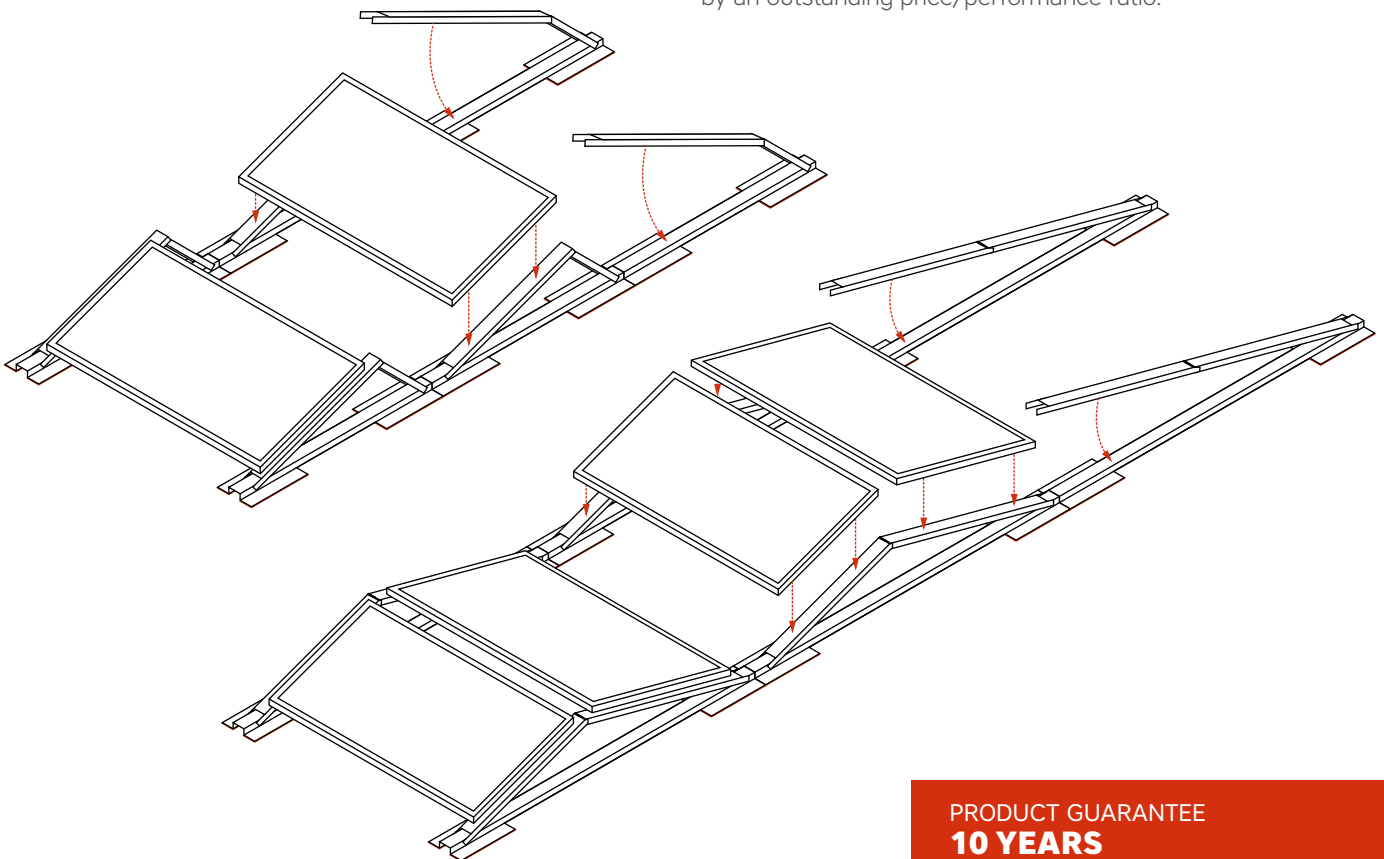
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SNOW.FLAKE convinces with its unique mounting friendliness. The system consist of few parts, prefabricated in factory, so that the assembly can be easily made.

With the aerodynamically and technically optimized mounting system SNOW.FLAKE, the area potential of flat or slightly inclined roofs can be used. Even roofs with low load reserves are suitable for this low ballast mounting system. The bottom rails guarantee an incomparable gentle installation to the roof. The protection tapes, laminated by aluminum, are already applied and the construction allows water flow in all directions.

In contrary to conventional, non penetrating mounting systems for flat roofs, **SNOW.FLAKE SOUTH** gets along with only a fraction of normally necessary ballast, due to its wind channel tested aerodynamical construction.

Ordinarily the **SNOW.FLAKE EAST.WEST** System is mounted without additional ballast. With this east and west oriented system, the roof can be covered in optimal way, because shadow distances are not necessary anymore. This results into higher revenues for the operator of the installation. SNOW.FLAKE EAST.WEST cares clearly for equilibrated revenues and convinces by an outstanding price/performance ratio.



PRODUCT GUARANTEE  
**10 YEARS**

**FAST MOUNTING**

No mounting system can be installed faster. Prefabrication and few parts save time and costs.

**AERODYNAMICALLY OPTIMIZED**

The design, developed in wind channel, leads the wind perfectly through the system.

**AUDITED SAFETY**

Static, material, execution and place of manufacture is tested and audited by VDE.

**100 PERCENT RECYCLABLE**

Used material has a life cycle of more than 20 years and is 100 % recyclable.

**KIND TO THE ROOF**

The installation is executed without penetration of the roof; the watercourse is censure.

	<b>SNOW.FLAKE SOUTH</b>			<b>SNOW.FLAKE EAST.WEST</b>
Incline	10°	15°	20°	12°
Width module	950 – 1,200 mm *	950 – 1,200 mm *	950 – 1,000 mm *	970 – 1,000 mm
Length rail	1,500 mm	1,500 mm	1,500 mm	2,877 mm
Weight	3.5 kg / m <sup>2</sup>	4 kg / m <sup>2</sup>	4.5 kg / m <sup>2</sup>	2 kg / m <sup>2</sup>
Area load	8 kg / m <sup>2</sup> **	10 kg / m <sup>2</sup> **	12 kg / m <sup>2</sup> **	10 kg / m <sup>2</sup> **
Area demand	ab 10 m <sup>2</sup> / kWp **	ab 12 m <sup>2</sup> / kWp **	ab 15 m <sup>2</sup> / kWp **	ab 9 m <sup>2</sup> / kWp **
Assembly time	5 kWp / man-hour			8 kWp / man-hour
Material	aluminum – oxidation stability tested according to DIN ISO 6988 (sulphur dioxide) DIN EN 60028-2-1 (salt fog test)			
Range of application	flat-roofs, slightly inclined roofs (up to 15°)			
Roofing	foil, bitumen, gravel, green, sheet metal			
Connection to roof	without penetration of the roof			
Protection of building	protection pads, laminated by aluminum, already fixed			
Proof of wind load and basics of static	determination and construction of wing assembly in aluminum under the use of tests in wind channels, assumptions of loads acc. to DIN 1055 and Eurocode 1			
Lightning protection	Precondition for the integration into the lightning protection (or potential compensation) are fulfilled (e. g. VDE 0100 part 712)			
Product warranty	10 years			



## CONTACT

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Stand: 12/2015

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