

Reliable like the Sun

Facade systems FA 2000



GREENoneTEC facade systems are designed to project specification and consist of prefabricated modules. The collector surface can be integrated into the facade without thermal rear ventilation, regardless of the facade design. The collector modules are individually accessible, achieving optimum insulation values within the building shell.

FA 2000 product benefits

- Fast and simple installation onto the facade itself without rear ventilation
- Innovative design and optimised integration into the building shell
- Specially developed sealing concept with EPDM rubber profiles
- Tempered, low iron solar safety glass
- The use of quality, recyclable materials ensures a long service life and high environmental compatibility
- Simple to maintain and repair by replacing individual modules
- Highly flexible through numerous special dimensions and a broad range of coloured strips for aesthetically challenging building constructions

Technical data	FA 2000
Collector type	Facade collector
Max. overall size [mm]	2000 x 5000
Overall height [mm]	120
Weight [kg/m ²]	30
Housing	Al-frame
Surface	Al, natural
Moulding	Powder-coated aluminium
Rear panel	Wood with diffusion barrier or aluminium sheet
Absorber	Copper, highly selective vacuum coating
Absorption [%]	95
Emission [%]	5
Ø manifold [mm]	22 (1")
Ø risers [mm]	8
Connections	Coupling nut with flat seal
Glass	4 or 6 mm tempered solar safety glass
Transmittance of glass [%]	90,8
Insulation	50 mm mineral wool plate
Max. stagnation temperature	234 °C under test conditions
Max. operating pressure	10 bar
Heat transfer medium	Polypropylene glycol / water mixture
Approved installation angle	min. 85°, max. 90°



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Aesthetic Design //
Quality // The Latest Technology //
for our Customers

State of the art Collectors

Aesthetic design and numerous environmental and innovation awards distinguish our range of collectors. Each individual series of collectors is a customised OEM version, and more than one hundred different collector variants and installation solutions are possible. All in all: state of the art tested quality for our customers.

