

Office building, Eisenberg / Germany



Photo: SOLARFOCUS GmbH

Architectural integration of solar thermal energy systems

Office building Eisenberg

Low energy office building with solar collectors integrated in the facade

PROJECT

The new headquarter of SKK Solarkraftwerke Kasper GmbH, located in Eisenberg/Germany, is built as a low energy building with 45 m² solar collector integrated in the façade. The building consists of offices, show room and a warehouse.

The solar system is a combined system, providing both space heating and domestic hot water



Photo: SOLARFOCUS GmbH

Key figures

Solar collector area:	45 m ²
Heat store:	3000 l + fresh water module for domestic hot water
Heat distribution:	water based floor heating, controlled ventilation with heat recovery
Auxiliary heating:	pellets boiler, nominal power 30kW

Solar collector

Stationary flat plate CPC S1 collector from SOLARFOCUS GmbH
(Compound Parabolic Concentrating solar panels)

Dimensions: 2.400 x 1.155 mm (2,8 m²) x 65 mm
Weight: 55 kg
Flow volume: 20-70 l/m²h

The CPC solar collectors are high efficiency solar panels. It comes with a 10 year warranty and is also guaranteed against condensation and corrosive air.



Photo: SOLARFOCUS GmbH

GALLERY



PHOTOS; SOLARFOCUS GmbH

- Built/Completion:
2009
- Client:
SKK Solarkraftwerke Kasper
GmbH
- Solar system:
SOLARFOCUS GmbH
www.solarfocus.at
- Address/Location:
Am Gielbrunnen 4167304
Eisenberg / Germany
- Type of project:
Commercial building

