

VMZ Office building and Production hall, Austria



Picture source: AEE INTEC

Architectural integration of solar thermal energy systems

VMZ Office building and production hall, Ludesch, Austria,
Office building, production hall and warehouse with solar collectors integrated in the façade

PROJECT

VMZ Maschinenbau und Laserbearbeitung GesmbH is located in Ludesch. The solar thermal collectors that heat the factory building and warehouse of this metal working industry is integrated in the glass façade of the attached office building.

The alternating collector and window panels form an aesthetically pleasing entrance area for visitors while highlighting the high- tech image of the company.

The building is heated with 100% renewable energies



Picture source: AEE INTEC

Key figures

- Size of building: 1500 m²
- 87 m² façade integrated solar collectors
- 1 x 1000 l water heat store and 1 x 300 l water heat store
- Auxiliary heating: bio mass
- Heat distribution: floor heating

The solar system is used for space heating and domestic hot water preparation.

Solar collector:

Glazed flat plate water collector
Collector producer: AKS DOMA



Picture source: AEE INTEC

GALLERY



PHOTOS;
AEE INTEC

- Built/Completion:
2000
- Client:
VMZ Maschinenbau und
laserbearbeitung GMBH
- Architect:
Architekturbuero Dipl.-Ing.
Nussmueller Werner
- Address/Location:
Hängender Stein 4
A-6713 Ludesch, Austria
- Type of project:
Commercial building

