

Student residence Kolpinghaus, Austria



Picture source: AEE INTEC

Architectural integration of solar thermal energy systems

Student residence Kolpinghaus, Dornbirn, Austria, Student residence with solar collectors integrated in the façade

PROJECT

The Kolpinghaus student home is located in the city centre of Dornbirn, and offers a limited number of single and double rooms for exchange students as well as for regular students of the Vorarlberg University of Applied Sciences.

While solar energy systems in new buildings in Vorarlberg are almost standard, they are still rather rare for renovations. The Kolping House in Dornbirn is an excellent example of cladding integrated solar thermal system. The solar system is used for domestic hot water preparation.



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Key figures

- 112 m² façade integrated solar collectors
(aberration from south: + 30°)
- 2 x 1180 l water heat store
- Auxiliary heating: gas boiler

The solar system is used for domestic hot water preparation.

Solar collector:

Glazed flat plate water collector
Collector producer: AKS DOMA



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GALLERY



PHOTOS; AEE INTEC

- Renovation/Completion:
1998
- Client:
Kolpingheim Dornbirn
- Architect:
Architekturbüro MHM
- Planning:
Reinhard Moser,
Moser Planungsbüro GmbH
- Address/Location:
Kolpingfamilie Dornbirn
Jahnstrasse 20,
A-6850 Dornbirn, Austria
- Type of project:
Student residence



- Read more: [http://www.energytech.at/\(de\)/rxml/results.html?id=2520&menulevel1=7&menulevel2=4](http://www.energytech.at/(de)/rxml/results.html?id=2520&menulevel1=7&menulevel2=4)