Dornbirn, Austria

Architectural integration of solar thermal energy systems

Picture source: AKS DOMA
Dornbirn, Austria
Multi-family house with solar collectors integrated into the façade

PROJECT

A three-storey apartment building with 'single-family house' quality in Dornbirn, Austria. Solar thermal collectors are integrated into the facade, contributing to domestic hot water preparation and space heating.

The architects Roland Gnaiger and Udo Mössler described the homes, saying: 'the collectors are directly integrated into the building. It constitutes the south-west facade and integrates the windows in the winter garden. Further, the black, reflecting glass surface is "art for construction" - it is continued on the ground as a water surface is reflecting the black colour of the collectors.'

Picture source: AKS DOMA
• Built: 1997 - 1999
• Building architect : Roland Gnaiger & Udo Mösslle
• Collector manufacturer: AKS DOMA
• Address: Rosenstrasse 17, 6850 Dornbirn, Austria
• Collector area: 90 m², 63 kWth
• Type of project: Multi-family house
• Contact: www.ufg.ac.at / www.aks-domia.com
• Read more: http://www.nextroom.at/building.php?id=2873