

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	“Preschool St. Wolfoldus”
Client:	Municipality, Markt Hohenwart
Location (City, Country):	Markt Hohenwart, Germany
Year of Construction:	2002/2003
Roof Size:	260 sqm
Building Type:	Municipal
Green Roof Type:	Extensive, thermal insulation
Vegetation:	Rockery type plants
Architect/Designer:	B + B Bielski and Breu Architects, Hohenwart
Contractor:	Flachdachbau Fuss GmbH, Nuernberg Garten-Moser GmbH & Co KG, Reutlingen

“Preschool St. Wolfoldus”

The building of the preschool “Sankt Wolfoldus” in Hohenwart is a compact building of varying heights, which allow sunlight into the rooms by elevated rows of windows. The flat roof area, over a massive concrete deck has an extensive green roof; whereas, the higher, metal roofs are on visible wooden constructions.

The DUO-Roof, which provides reliability and long life, was chosen for the u-shaped green roof. The thermal insulation properties – also resulting from the certified thermal insulation values of the green roof – exceed requirements by the German EnEV. By using geothermal heat with a power operated pump the heating causes no pollution.

The green roofs were edged with 120 mm high eaves profiles made of stainless steel. Approx. 15 types of the “Rockery Type Plants” vegetation were planted in groups. “Dianthus carthusianorum” grow to a height of about 400 mm; the other types of “Rockery Type Plants” about 150-250 mm.

