

DAY NURSERY FALLTORSTRASSE Darmstadt-Wixhausen (Germany)

NEW BUILDING

Client: Eigenbetrieb Immobilienmanagement der
Wissenschaftsstadt Darmstadt

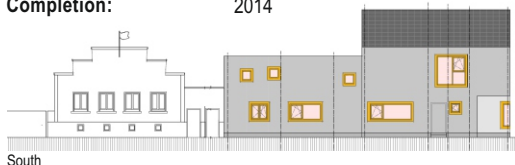
Architects: Matthias Schimpf Architekten, Darmstadt

Our services: Full Structural design
Establishing the basis
Preliminary design
Final design
Approval documentation
Execution drawings
Preparation of contract award
Earthquake engineering
Structural fire protection

Brief description: Construction of a new day nursery with
two group rooms, a multi-purpose room,
staff and ancillary rooms, kitchen, inner
courtyard with space for prams
- 2-storey building as timber panel construction
- L-shape building floor plan
- flat foundation, 25 cm base plate
- wood beam ceiling, spans of up to 11 m
- stiffening by load-bearing exterior and
interior walls, glue-laminated timber columns
and wooden beam ceilings
- wooden roof structure as purlin roof
- external steel staircase as a secondary
escape route
- roofed space for prams as steel structure
with wood cladding

Building costs: EUR 1,1 million (net)

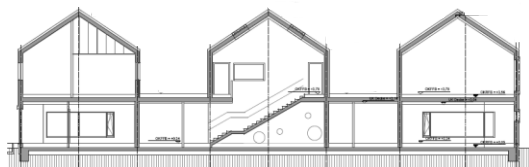
Completion: 2014



South



North



Section



West



Pictures / Illustrations: ProfessorPfeiferandPartner PartGmbB, Matthias Schimpf Architekten, Darmstadt

ProfessorPfeiferandPartner PartGmbB Structural engineering Building physics Fire protection Structural assessment
PfeiferINTERPLAN is a registered trade mark