

Primary school and nursery, Gamprin, Liechtenstein

Client: Municipality, Gamprin, FL
Architect: Erhart + Partner, Schaan, FL
Structural Eng.: Harald Denifle, Schaan, FL
Contractor: Wilhelm Büchel, Benden, FL



Execution details

Product: CBCM-E-180 / 225 / 270 / 315
Cobiax surface: 2'000 m²
Max. span: 11,5 m
Slab thickness: 33 up to 45 cm



Cobiax benefits - weight reduction
- concrete and construction time reduction

Concrete reduction: ~209 m³
Load reduction: ~523 t
Reduction of CO₂ emissions: ~45 t



Special features

The 4 rainwater drains are integrated in the inclined flat roof. The needed gradient is obtained by the 4 different void former heights.



Year of completion

2009

