

## Zentrum für virtuelles Engineering, Stuttgart

Client: Fraunhofer Institut IAO  
Architect: UNStudio, Amsterdam / ASPLAN  
Architekten BDA, Kaiserslautern  
Structural Eng: BKSİ GmbH, Stuttgart  
Approving Eng: Ing.Büro Peter Hermann,  
Gerlingen



## Execution details

Product: CBCM-E-180 and E-225  
Surface: ~ 4'900 m<sup>2</sup>  
Max. span: 12,0 m  
Slab thickness: 40 to 45 cm



**Cobiax benefits**

- load reduction
- large span
- sustainability

Concrete reduction (total): ~ 236 m<sup>3</sup>  
Load reduction (total): ~ 590 to  
Reduction of CO<sub>2</sub> emissions: ~ 50 to



## Special features

- combination with post tensioned semi precast elements
- concrete core activation
- DGNB-certification in Gold under crediting of Cobiax

## Contractor

Gottlob Brodbeck GmbH & Co. KG

## Year of completion

2011

