

## Atrium roof Altana company building Konstanz (D) 2008



The square atrium roof for the new company building of the Altana Pharma AG (now Nycomed) is a steel structure made of box profiles with a cover of 33 ETFE-cushions. The roof grid of welded box sections is rising towards the centre and is used as a gutter between the single cushions as well.

The cover of the ETFE-cushions consists of one round, 8 triangular, 8 trapezoidal and 16 square cushions and is supported on the lower side by a cable net with a square grid of 1.35m x 1.35m.

Covered area: 900m<sup>2</sup>

Architects: Petzinka Pink  
Architekten, Düsseldorf

formTL: Formfinding,  
cushion analysis, foil  
design, secondary steel,  
cable net

Foil manufacturer:  
CenoTec

cables: Brugg Edelstahl  
Litzenseile  
foil: Nowoflon ET-6235  
Folie (Nowofol),  
Upper layer 250my,  
Lower layer 250my

