



## Rheinhallen in Cologne-Deutz (2007-2008)

The Rheinhallen from 1924 formerly used by the koelnmesse have been cored and remodelled. Behind the noticeable and heritage-protected brick façade the new headquarter of the RTL Media group is built.

In 2007 was the biggest superstructure building site in Germany with 55.000 qm shed area and 140.000 cbm building volume.

The Rheinhallen are situated on the right bank of the River Rhine within the range of vision of the Cologne Cathedral and the musical dome (Proj. 3436).

In the central axis of the building a 150 long atrium is built made of ETFE cushions which span over 26m only supported by cables. The biggest cushions are sized 26 x 24,3 m, 26 x 29,7 m and 26 x 33,7 m.

Architect: HPP  
Engineering foil cushions:  
formTL

General Contractor:  
Hochtief Construction AG  
Cologne  
Manufacturing  
Steel: GM Stahlbau, Lathen  
Foil cushions: CenoTec,  
Greven

Material:  
Upper and lower layer of  
250 my ETFE-Foil with  
cables on both sides in a  
distance of 60 cm. The  
upper foil is printed,  
printing degree 33-55%

