



Stadium for swimming competitions Duisburg Wedau (D) 2004

The new stadium for swimming competitions was built over the old 50 m- basin of the old swimming hall. It got an especial economic crane structure with a cover of trapezoidal sheet metal, foam glass and PVC-roofing.

The manufacturing costs of the bath according DIN 276 KG 300+400 were only 218 EUR/m³ volume.

2005 parts of the non-Olympic summer games took place here.

Size of the swimming hall:
1820 qm
14 m high crane columns
with a distance 7m, free
span 42,5 m

General contractor:
Dr. Krieger, Velbert
Design +
structural design roof:
IPL GmbH

Steel structure: Fa.
Albrecht, Meppen

Material:
Besista-tension rods
Thermal separation of the
main beams in the façade
level.

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