

# Böblingen airfield

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The roofing of the airfield-side S-Bahn entrance in Böblingen was designed as a tribute to the former function of the area in the form of a starting wing. The steel structure, which is covered on all sides with a membrane, is illuminated from the inside and allows the roof to be perceived as a light sculpture in addition to the area-wide illumination of the airfield. AR Ingenieure was responsible for the membrane statics and the implementation planning as well as for the tender. Subsequently, AR Ingenieure took over the workshop planning for the steel and membrane construction for the contracted companies and accompanied the testing process as well as the approval in individual cases (ZiE). Due to the different requirements, a white PVC polyester membrane type II was used for the upper side of the roof - a highly translucent PVC polyester membrane was installed on the underside to ensure the highest possible light transmission for the lighting.

## Project details:

Year: 2015

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Location: Böblingen, Germany

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Building owner:

Zweckverband Flugfeld Böblingen/Sindelfingen

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Client: Kienleplan, Zweckverband, Stahlbau Beck, CEN0tec

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Services: Detailed design, workshop planning steel construction and membrane, ZiE

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Other parties involved:

Kienleplan, Stahlbau Beck, CEN0tec

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