

New secondary school

Trostberg



Realschule Trostberg

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New construction of the state secondary school Trostberg with 30 classrooms as well as technical and administrative rooms.

The building of the Trostberg State Secondary School has been dilapidated for a long time. The district authorities have therefore decided to erect a new building instead of carrying out a general refurbishment. The future secondary school is divided into three compact, three-storey buildings that form interlocking open spaces. The new building is being constructed slightly offset from the existing secondary school on a site next to the Hertzhaier-Gymnasium. A solid waterproofing concept was required because the built-up urban area between the Alz River and the Alz Canal is contaminated by groundwater.

The combination of Fradiflex® metal water stop, Intec® injection hose system and the sub-structure waterproofing system Zemseal® provides permanent protection against water pressure in the basement.

Type bygning:

Kunder og udviklere:

Landkreis Traunstein

Arkitekt:

spreen köhler architekten +
beratende ingenieure GmbH
[rak-architekten](http://rak-architekten.de)

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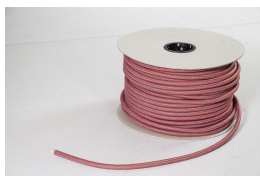
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Produkter som brukes:



Fradiflex® metallfugebånd



Intec®
injeksjonsslangesystem



Zemseal®
vanntettingssystem for
understruktur



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Base plate with waterproofing membrane Zemseal®
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Waterproofing membrane combined with snake type spacers
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Base slab to wall
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Formwork elements for working joints Stremaform®
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Edge with Zemseal® and Fradiflex®
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Fradiflex® Premium metal water stop
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Redundant cold joint waterproofing
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Construction area with ground water
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Stremaflex® combined with Fradiflex® with fixing angels
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