

MERGE - Technology Centre

Chemnitz



MERGE Technology Centre

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A new laboratory building is being built at the TU Chemnitz. The base plate required a targeted introduction of the building loads as well as high tightness against radon.

Under the project management of the Chemnitz branch of the state enterprise Sächsisches Immobilien- und Baumanagement (SIB), the construction of a new laboratory for the Bundesexzellenzclusters "MERGE - Technologiefusion für multifunktionale Leichtbaustrukturen" of the Chemnitz University of Technology begins.

The design of the laboratory building includes a structure with three full storeys and a stepped attic as a technical storey. The supporting structure of the building is a massive in-situ concrete construction with masonry partition walls. The building will be constructed without a basement and founded on a flat floor slab.

The base plate must be tight against radon and must not transfer any forces into the existing ground in some areas (so-called load release).

With the sub-structure waterproofing system Zemseal® and Egcovoid® void former, MAX FRANK can offer both of these requirements.

Type af bygning:

Kunder og udviklere:

Staatsbetrieb Sächsisches Immobilien- und Baumanagement (SIB Niederlassung Chemnitz)

Arkitekt:

Sweco GmbH

Ingeniører / Specialplanlæggere:

Krone Ingenieure GmbH

Byggeentreprenør:

Backer Bau GmbH
S&P Abdichtungs GmbH

Distributør:

Thomas Schlafge Schalungsbedarf GmbH

Færdiggørelse:

2020

Projekt link:

<https://www.tu-chemnitz.de/tu/presse/stelle/aktuell/9409>

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Brugte produkter:



Zemseal® membran med
mekanisk og kemisk
vedhæftning



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