



Delivering Complex Concrete Technologies Solutions

Case Study

The suite hotel complex construction project took place from 2019 to 2021 in Germany. It involved a combination of refurbishing the listed Villa Frithjof and constructing new building sections. The selected waterproofing solutions included RECOSTAL® 2000 GTF, CONTEC® Contaflexaktiv, Waterstop RX 101, and Preprufe products.



PRODUCTS

RECOSTAL® 2000 GTF,
CONTEC® Contaflexaktiv,
Waterstop RX 101,
Preprufe 300R & 800A

LOCATION

Germany

Context

In the construction of a suite hotel complex in Germany, the challenge was to ensure effective and long-lasting waterproofing for various elements, including external surfaces and joints. The project required reliable products that could withstand water pressure and provide superior protection against aggressive substances.

Solution

To address the waterproofing needs of the suite hotel complex, a comprehensive solution was implemented. The chosen products included Preprufe 300R for external surface waterproofing, Preprufe 800PA for element wall waterproofing, and the CONTEC® Contaflexaktiv system for joint sealing.

The Preprufe system offered reliable protection with its general building approval certificates and tested water resistance of up to 70 meters. Its easy installation process and ability to withstand aggressive substances made it an ideal choice.

RECOSTAL® 2000 GT complemented the solution with its self-supporting nature and compliance with Eurocode 2, ensuring structural stability and durability. Integration with the CONTEC® Contaflexaktiv system provided comprehensive waterproofing.

This robust solution not only met the project's waterproofing requirements, but also contributed to efficient construction timelines. It provided long-term water infiltration protection, structural stability, and compliance with industry standards. The successful implementation of this comprehensive waterproofing solution demonstrates the effectiveness of the selected products in ensuring the suite hotel complex's durability and functionality.

