

MAX FRANK administration building

Leiblfing, Germany



Einzigartig – das doppelzertifizierte Verwaltungsgebäude mit DGNB und LEED Zertifikat

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Type of building:
Office building

Clients and Developers:
Max Frank GmbH & Co.KG
www.maxfrank.com

Architect:
HIW Architekten mbH
www.hiw-architekten-gmbh.de

Completion:
2015

Project link:
<http://www.hiw-architekten-gmbh.de/buurlrogebaumlude-frank.html>

Aspects of sustainability and durability were planning objectives from the start and were realised with Sorp 10®.

The construction task for the new administration building planned to rearrange the access situation and create new office space on the existing company premises. The administration building itself is divided into three floors. Adjacent to the existing office building, a new inner courtyard will be created. The interior area gives the employees and visitors a high quality of stay.

In order to ensure a maximum degree of flexibility, the new building was based on an axial dimension of 5.25 m. Cast-in-place concrete pillars form the basic skeleton for the structure. Both cast-in-place concrete ceilings and precast elements are used for the ceilings between floors. The collaboration between a filigree concrete ceiling manufacturer and the manufacturer of the pipe systems for concrete core activation, it was possible to implement a system close to the surface combined with the Sorp 10® acoustic sound absorber. This offers the benefits of a combination of room acoustics and building temperature control. The capacity of the ceilings in the building is therefore used to store thermal energy for heating or cooling spaces.

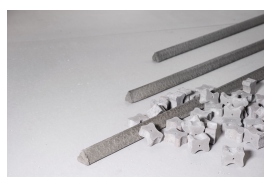
The architecture in the administration building is characterised by contrasts between hard construction areas and homely materials. The bronze-coloured windows together with the grey of the façade create a calm, pleasant effect. For the interior design, alongside white, plastered walls, natural oak was used, which reflects the sleek and simple overall demeanour inside. Aspects of sustainability and durability were planning objectives from the start. In order to verify this approach and make it visible, the building was certified according to DGNB and LEED criteria.

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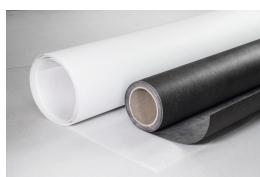
Products used:



Fibre concrete spacers



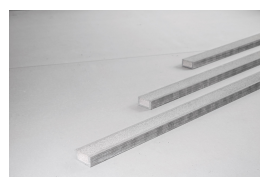
Permanent formwork Pecafil®



CPF liner Zemdrain®



Metal waterstop Fradiflex®



Room-acoustic sound absorber
Sorp 10®



Unique – the double-certified administration building with DGNB and LEED certificates
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Company
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