

Office complex Nordkanalstraße

Hamburg, Germany



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An office complex with 20,000 sqm of rental space, 47 underground parking spaces and 37 outdoor parking spaces has been built on Nordkanalstraße in Hamburg Hammerbrook.

Type of building:

Office building

Clients and Developers:

Objektgesellschaft Sonninstraße II.
Gewerbebau GmbH & Co. KG,
Oststeinbek

Architect:

LA`KET Architekten GmbH, Hamburg
www.laket.net
agn Leusmann GmbH, Hamburg
www.agn.de

Building contractor:

AUG. PRIEN Bauunternehmung
(GmbH & Co. KG), Hamburg
www.augprien.de

Distributor:

Friedrich Niemann GmbH & Co. KG,
Kiel/Kronshagen
www.f-niemann.de

Completion:

2016

To avoid complex formwork and reinforcement in the area of the expansion joints in the concrete construction, the client decided on the Egcodorn® WN and WQ (DIBt approval Z-15.7-301) shear force dowels. These shear force dowels are used with very high static loads. The construction of the Egcodorn shear force dowel enables transmission of the highest shear forces, even with minimal component dimensions. The unique corrosion protection system and the use of high quality materials guarantee maximum durability. Extra fire protection requirements were imposed on this construction project. The Egcodorn® execution with fire protection collar and mineral wool perfectly meets these requirements.

Product information about the shear force dowel connection:

■ Egcodorn® WN

The Egcodorn® is moveable along the centre axis and allows displacements in the direction of the longitudinal dowel axis. The dowels must be carefully arranged in the direction of displacement and aligned in parallel with each other.

■ Egcodorn® WQ

If displacements occur both along and laterally to the dowel axis, the laterally displaceable Egcodorn® must be used. The Egcodorn® WQ should be used in the case of curved component edges or longer joint lengths.

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Products used:



Shear force dowel Egcodorn®



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