



Administration Center Munich, Frankfurter Ring 211-217

8 story business center with large underground garage

Due to heavy underground vibrations, which were emitted by a nearby factory, half of the building had to be supported completely through steel springs below basement ceiling.

All upper parts of the building within the bracing systems of the stairway-tubes must be separated and supported elastically.

The pre-stressing of the string packages had to be computed realistically, to avoid later redistributions or restraint – this was realized by a complex iteration process.

Gross volume	approx. 75.000 m ³
Cost of building	approx. 20 Mio EUR

Client:
EURENTA GmbH
Prinzregentenplatz 10, 81675 Munich

Architect:
Gruener-Schnell-Bierler
Adelgundenstr. 13, 80538 Munich

Our Services:

Structural engineering and supervision according to German HOAI, § 64

Planning of thermal insulation, noise control, fire protection of structure and vibration control

