

SIRONA DENTAL SYSTEMS GMBH Bensheim (Germany)

NEW BUILDING

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| Client: | Sirona Immobilien GmbH, Bensheim |
| Architects: | Lengfeld & Willisch Architekten, Darmstadt |
| Our services: | Full structural design Establishing the basis Preliminary design Final design Approval documentation Execution drawings Preparation of contract award Construction supervision Structural fire protection Earthquake engineering |
| Brief description: | <p>New building of a development centre for the manufacture of dental devices with a prestigious entrance area, laboratories, offices, administrative rooms, convention rooms and a show room</p> <ul style="list-style-type: none">- 4-storey concrete structure- floor space of approx 1,300 m²- foundation with bored piles with a maximum required length of approx 24 m, arranged in pile groups (i.e. 4 piles with 8 m embedment depth each) due to building ground with low bearing capacity- stiffening by internal core of reinforced concrete (7.5 m x 7.5 m)- precast columns with steel composite construction- reinforced concrete flat slabs spanning 7.2 m- show room (225 m²) with floor opening of 7.2 m x 13 m in the first upper floor, suspender beam spans of 13 m- high installation density due to laboratory equipment- flat roof- future addition of storeys taken into account |
| Completion: | 2011 |



Representative entrance hall over two floors with gallery level

