



Staircases & Balconies

Concrete inserts

PFEIFER



For secure cohesion ...

PFEIFER Connecting and Lifting Systems has been one of the leading manufacturers of professional concrete inserts for many decades. Practical solutions for lifting or bearing, as well as for realization of permanent fixing points, were created for the use in staircases and balconies. The application-oriented products fit perfectly into the overall architecture of the concrete elements. In several application examples, this brochure provides an overview of the concrete components suitable for staircases and balconies.

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Product overview

Staircases & Balconies

Solutions for lifting, fixing and bearing



Thread System



Edge Protection POLYTEX®



DB Anchors for permanent fixings



Staircase Bearings VarioSonic



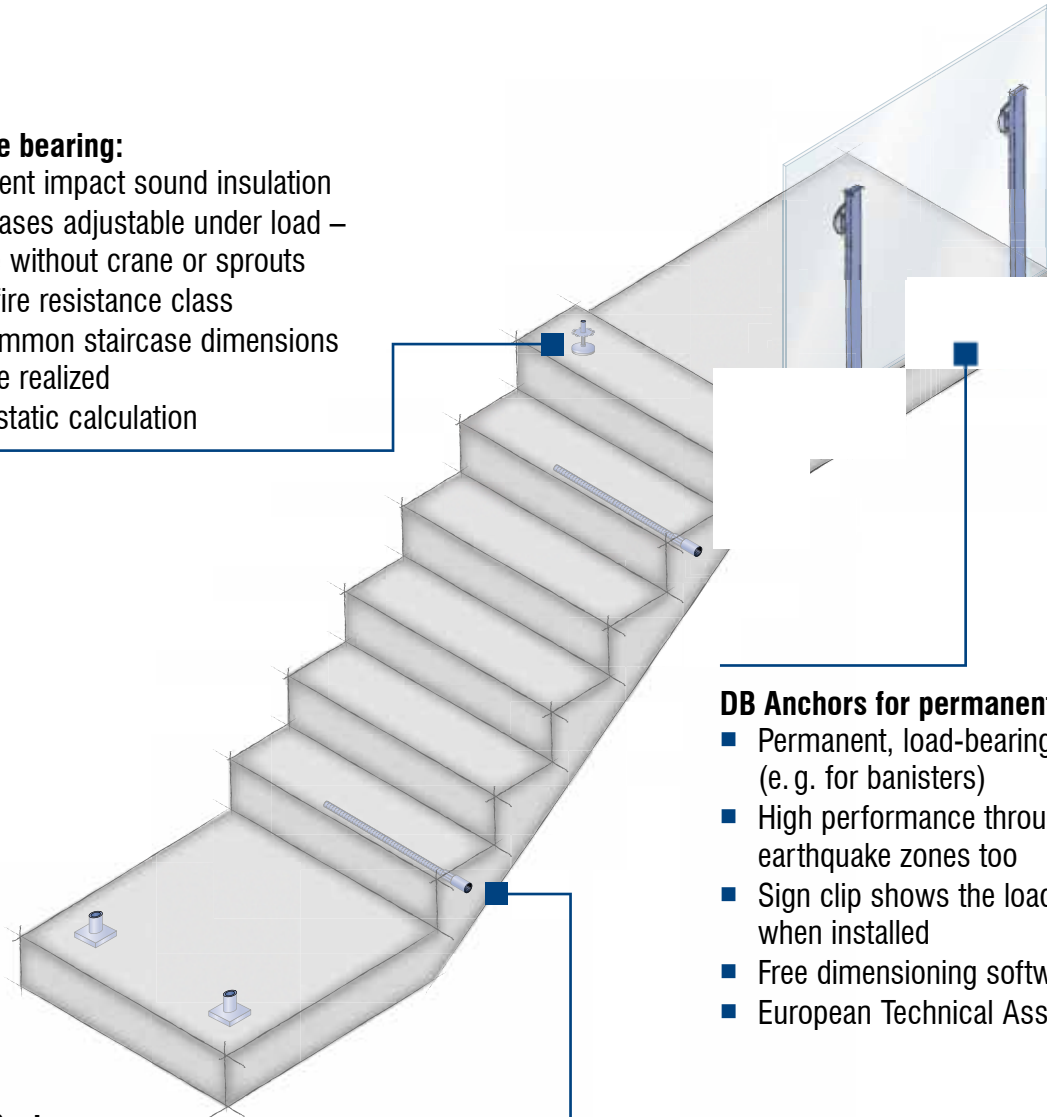
Staircases

Solutions for lifting, fixing and bearing

With PFEIFER concrete inserts, even heavy and geometrically complex staircase elements can be lifted safely and placed precisely at the intended location on building site. Thanks to the european approved DB permanent fixing anchors, railings and handrails can also be attached to and around the staircase elements. With the help of the PFEIFER VarioSonic staircase bearing, bearing at the end of the staircase as well as between single storeys is possible. These bearing systems ensure excellent impact sound insulation and are also qualified for a high fire resistance class.

Staircase bearing:

- Excellent impact sound insulation
- Staircases adjustable under load – usage without crane or sprouts
- High fire resistance class
- All common staircase dimensions can be realized
- Type-static calculation



Thread System:

- Lifting anchor system with threaded coupling
- Wide variety of products for specific installation situations
- Low reinforcement outlay
- Slender staircase geometry is possible
- Extensive range of accessories

DB Anchors for permanent fixings:

- Permanent, load-bearing fixing point (e. g. for banisters)
- High performance through use in earthquake zones too
- Sign clip shows the load direction when installed
- Free dimensioning software
- European Technical Assessment (ETA)



Balconies

Solutions for lifting and fixing

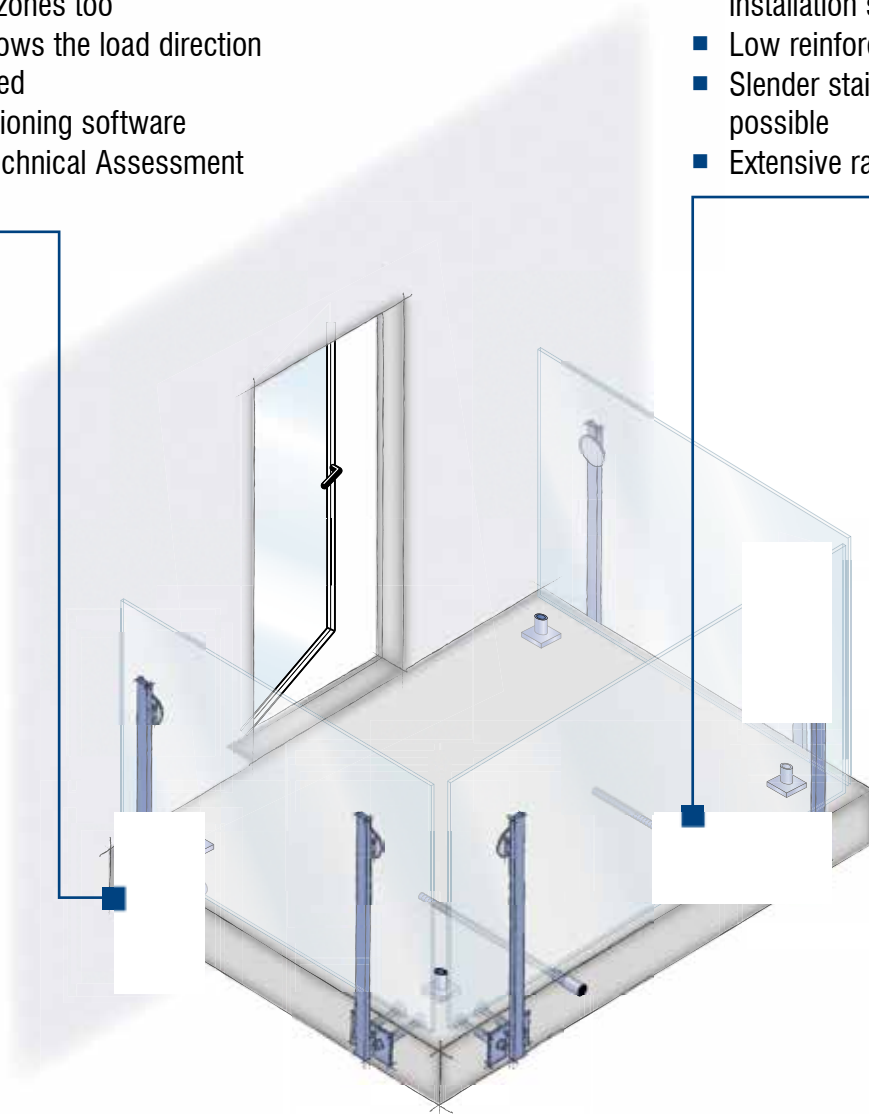
For lifting balconies as a precast concrete, usually lifting anchor systems are used. PFEIFER offers a suitable solution based on the installation situation. The transport anchors can be installed both on the surface and on the front side. If the anchors are fastened on the front, it is very important not to damage the delicate edges of the architecturally sophisticated balcony elements. For this purpose, it is recommended to attach the lifting anchor with a PFEIFER Flared Lifting Loop waisted in combination with the separately available edge protection. Railings can also be attached to the balcony elements with the help of the European approved DB permanent fixing anchors.

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