

SUCCESS STORY

STATIC BEARING FOR STRUCTURAL SUPPORT

AIXTRON SE, Germany

PROJECT DATA

Brief description

Structural support for a new building to maintain its value and building safety for the entire lifetime.

Requirement

Load centring

Controlled absorption of movements

Country, year

Herzogenrath, 2023

PROJECT DESCRIPTION

Herzogenrath-based AIXTRON SE, a leading company in the semiconductor industry, has expanded its existing office and laboratory buildings with a new building in the immediate vicinity. The new facility was built on an area of $\approx 60,000$ sqm and comprises besides an office building a research and development centre. This consists of a laboratory wing technical centre, an area for testing and manufacturing prototypes and a logistics zone.

SOLUTION

Calenberg products provide structural support for the prefabricated components and steelwork. Structural bearings approved by the building authorities, such as Compact Bearings S 65 and perforated bearing type Z, were predominantly used for load centring. Furthermore, significant movements were allowed as planned using the Civalit® plain bearing system. Carrying linear loads on brackets has been realised with the building authority approved bi®-trapez bearing from Calenberg.

