CALENBERG

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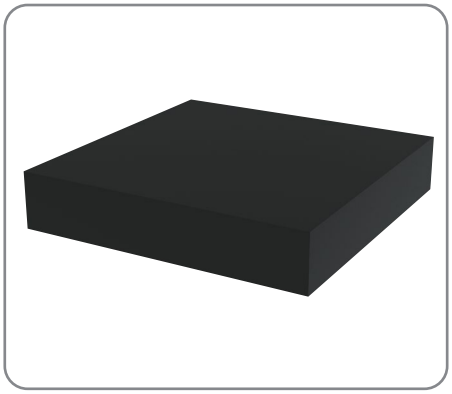
Product Report

Compact Bearing S 65

Unreinforced elastomeric bearing

For the following applications



Feature

Wear-resistant | Durable | Economical

Compact Bearing S 65	Unreinforced elastomeric bearing with smooth contact surfaces
Material	Ageing resistant EPDM elastomer material
Material properties	Weather and ozone resistant
Hardness	65 ± 5 Shore A
Fields of application	Used as a permanently elastic articulating connection element. Used in building construction as point bearings for the elastic support of beams and joists. In multi-storey construction used as strip bearings under decks and walls.
Mounting/Installation	Design in accordance with the structural specifications and standards. Consideration must be given to the required edge distances according to DIN EN 1992-1-1 (2011-01). Prior to installation, it must be ensured that the elastomer bearings and bearing surfaces are free of dirt, ice, snow, grease, solvents, oils or separating agents. In in-situ concrete construction the bearing joints must be filled and covered so that no concrete slurry can penetrate them. The spring effect of the bearing must be guaranteed.

Product performance

Compressive stress
$\sigma_{R,d}$ = 14 N/mm² (format-dependent)

Angular rotation
α_{max} = 40 ‰

Shear deformation
u_{max} = 16.8 mm (t = 30 mm)

Official Approval (DIBt Berlin)
Z-16.32-474

Thicknesses
5*, 8*, 10, 15, 20, 25 and 30 mm
*without approval

Central station Berlin (DE)

Airbus Hamburg (DE)

Jumeirah Beach Hotel (VAE)

Media Harbour Düsseldorf (DE)

National Stadium Warsaw (PL)

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