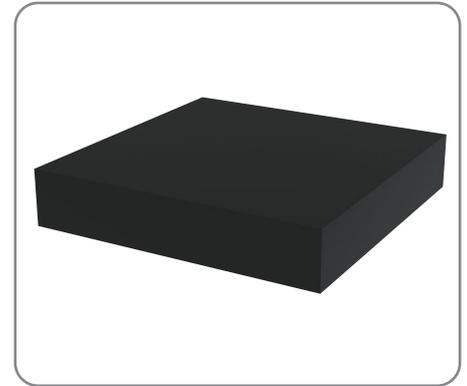




Compact Bearing S 70

Unreinforced elastomeric bearing

For the following applications



Feature

Wear-resistant | Durable | Economical

Compact Bearing S 70	Unreinforced elastomeric bearing with smooth contact surfaces
Material	Ageing resistant EPDM elastomer material
Material properties	Weather and ozone resistant
Hardness	70 ± 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
 $\sigma_{R,d} = 21 \text{ N/mm}^2$ (format-dependent)

Angular rotation
 $\alpha_{max} = 40 \text{ ‰}$

Shear deformation
 $u_{max} = 10.8 \text{ mm}$ (t = 20 mm)

Official Approval (DIBt Berlin)
 Z-16.32-477

Thicknesses
 10, 15 and 20 mm

City Island, Byldis, London (GB)



Racing sledge track, Oberhof (DE)



Hydropower plant Kemnade (DE)



Cleveland Clinic, Abu Dhabi (VAE)



Frauenkirche Dresden (DE)



The contents of this publication are the result of many years of research and experience gained in the application of this technology. All information is given in good faith; it does not represent a guarantee with respect to characteristics and does not exempt the user from testing the suitability of products and from ascertaining that the industrial property rights of third parties are not violated. No liability whatsoever will be accepted for damage – regardless of its nature and its legal basis – arising from advice given in this publication. We reserve the right to make technical modifications in the course of product development.