



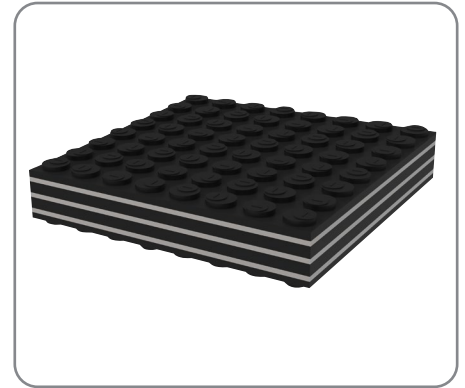
Sandwich Bearing Q

Reinforced elastomeric bearing

For the following applications  

Feature

Level out any unevenness in the bearing surfaces during the initial load phase | Ready for installation | Maintenance free | Durable



Sandwich Bearing Q	Steel reinforced elastomeric bearing with a transverse tensile reinforcement of weather resistant steel
Material	Ageing resistant CR material
Material properties	Weather and ozone resistant
Hardness	70 ± 5 Shore A
Fields of application	This bearing is used in all areas of construction as permanently elastic articulating connection element. It is also used for highly loaded components in the bearing area.
Mounting/Installation	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
 $\sigma_{R,d} = 28 \text{ N/mm}^2$ (format-independent)

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

Shear deformation
 $u_{max} = 20 \text{ mm}$

Official Approval (DIBt Berlin)
 Z-16.33-480

Thicknesses
 10, 20, 30 and 40 mm

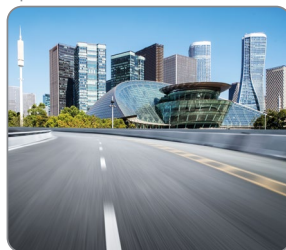
Federal Chancellery of Berlin (DE)



State Theatre, Stuttgart (DE)



Opera House, Wenzhou (CN)



Stadium Lech Poznan (PL)



Lia-Manoliu Stadium, Bucharest (RO)



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