

ESZ Type C-20-E

Product Information



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DETAILS ON USE OF BEARINGS AND SUPPLY FORM

1. Purpose of use

The bearing ESZ type C-20-E is a homogenous elastomer material without surface profiling and intended for the static support of components, in particular reinforced and prestressed concrete prefab parts. The use complies with the requirements of DIN 4141 part 3 for the bearing class 2.

2. Deformation

A mean bearing cushioning $\leq 30\%$ applies to the maximum permissible stresses.

3. Mating faces

The design data applies to the use of the bearings between reinforced concrete mating faces. In particular, when used between steel mating faces (poor frictional adhesion), deviations can occur. Please consult us if anything other than reinforced concrete mating faces are used.

4. Temperature range in use

The bearings may be used in a temperature range of -25°C to $+50^{\circ}\text{C}$.

5. Edge-to-edge distances

The bearings should be laid within the reinforcement, according to DIN 4141 part 15, to avoid chipped edges.

6. Supplied as

– Prefab construction

Trimmed to size for all the usual elastomer plan areas in reinforced and prestressed concrete prefab construction with holes, cut-outs, oblique cuts etc.
Rolls with the preferred widths of 100, 150 and 200 mm (all widths available).
Bearing thickness: 10, 15 and 20 mm.

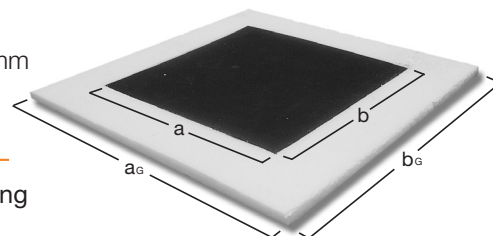
– In-situ concrete application

The bearing can be supplied for in-situ concrete application, ready for pouring, with permanent formwork. The permanent formwork can be produced for strip and point bearings. This applies to all available bearing thicknesses of 10, 15 and 20 mm.

7. RFP and order text

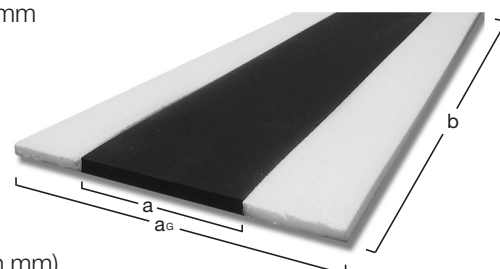
– For use as in-situ concrete point bearing

ESZ type C-20-E – supply and lay
Bearing thickness: 10/15/20 mm
Format of elastomer bearing: $a \times b$ mm
Format incl. blind formwork: $a_s \times b_s$ mm



– For use as in-situ concrete strip bearing

ESZ type C-20-E – supply and lay
Bearing thickness: 10/15/20 mm
Width of elastomer bearing: a mm
Width incl. blind formwork: a_s mm
Length b : metres



– For use between prefab parts

ESZ type C-20-E – supply and lay
 $a \times b \times t$ (width x length x thickness, all in mm)