The type of bearing will need to be determined for each support point in accordance with the functional requirements. Small spans can usually suffice with conventional laminated structural bearings: rectangular or circular. Larger spans may require bearings with complementary bearing devices.

The design calculations will be made based on the functional requirements and the type of bearing selected. The allowable surface pressure and the area available largely determine the length and width of the bearing. The thickness of the rubber layer depends on the rotation to be absorbed. The expected horizontal movements strongly influence the thickness of the total rubber package.
Production

Trelleborg Infrastructure’s elastomeric bearings are all manufactured from rubber and steel that meet EN 1337 requirements.

The quality of each consignment is checked following production. Compression and shear tests are carried out in accordance with the standard and the test results are presented to the client.

Company

Trelleborg Infrastructure is a member of the Trelleborg group – a global industrial group offering leading-edge expertise in polymer technology combined with advanced industrial know-how in respect of functional solutions and systems to meet our customers’ requirements. The Group has approximately 20,000 employees in some 40 countries. The Group’s Headquarters are located in Trelleborg, Sweden.
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