

Elastomeric Expansion Joints



Description

Elastomeric expansion joints are designed to enable displacements of up to 70mm with respect to the bridge decks they are fastened to. Entirely waterproof, they are secured to the structure with suitable anchor bolts. The deformable rubber elements are vulcanized with two rolled steel reinforcements with a U cross-section (standard EN 10025). These joints also allow displacement of the structure's parts relative to each other in any direction.

Advantages

- **WATERPROOF** :Expansion joints are entirely waterproof.
- **EASE OF ASSEMBLY** :Expansion joints are extremely easy to fit. The joint's elements are connected together with a malefemale coupling and secured to the structure with suitable anchor bolts.
- **CORROSION RESISTANCE** :The steel structure is thoroughly embedded in the rubber, meaning it is protected from the atmospheric agents.
- **LONG SERVICE LIFE** :The special anti-abrasive rubber used to manufacture expansion joints has been designed to withstand the action of oil, grease, petrol and ageing due to constant exposure to sunlight and changes in temperature.
- **INTERCHANGEABLE** :The expansion joint is a particularly suitable choice for replacing existing joints.

Quality Of Materials

- All the expansion joints are manufactured using only first class rubber (natural or synthetic) in accordance with the main international standards. We can supply also expansion joints with dielectric rubber.