



KANTA RUBBER PVT. LTD.

AN ISO 9001-2000 CERTIFIED COMPANY

★ KANTAFLEX ★

- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

KANTAFLEX™ EXPANSION JOINT SYSTEM

General concept of expansion joint is to provide the continuity between two parts of a structure which are in relative movement because of vibration, seismic load, thermal expansion or contraction, shrinkage etc. Expansion joints are used primarily to relieve stress due to confinement of a slab. An expansion joint is an assembly designed to safely absorb the heat-induced expansion and contraction of various construction materials, to absorb vibration, or to allow movement due to ground settlement or earthquakes. Expansion joints are designed to support heavy and rigorous traffic load with minimum noise and bumps so that the driving experience can be with maximum pleasure. KRPL is a quality manufacturer of various expansion joint systems servicing a number of satisfied customers across India with its superior products at a cost effective pricing. Some of our main products in this category are explained below. We welcome the enquiry of any kind of expansion joint to offer a great solution from our product portfolio or from the product portfolio of some of our foreign principals.

1. **KANTAFLEX™ Elastomeric Strip Seal Joint:** As per MoRTH Section 2600, Clause 2607. Main components are Edge Beam and E Seal.

KANTAFLEX ELASTOMERIC STRIP SEAL JOINT

MORTH SECTION 2600 & CLAUSE 2607

COMPONENTS		INSTALLATION
EDGE BEAM 	E SEAL 	

- ❖ Edge beam shall be placed in such a manner that the grooves are positioned properly.
- ❖ Steel structure and main reinforcement bar shall be anchored with proper welding.
- ❖ Alignment shall be checked for both steel structures, if required by using suitable device.
- ❖ Recess shall be filled with high quality of the concrete not less than M 35 grade.
- ❖ If any installation brackets were used, shall be removed after the concrete has cured.
- ❖ Kantaflex elastomeric strip seal shall be cut into the required length and inserted between the beams by using the proper device and to be ensured that the bulb of the seal is getting into the steel grooves of the both edge beams.
- ❖ When the recess concrete has become set, a sturdy ramp shall be placed over the joint to protect the exposed steel beams and the elastomeric seal from the traffic.
- ❖ Without the carriageway surfacing, expansion joint shall not be exposed to traffic loading.



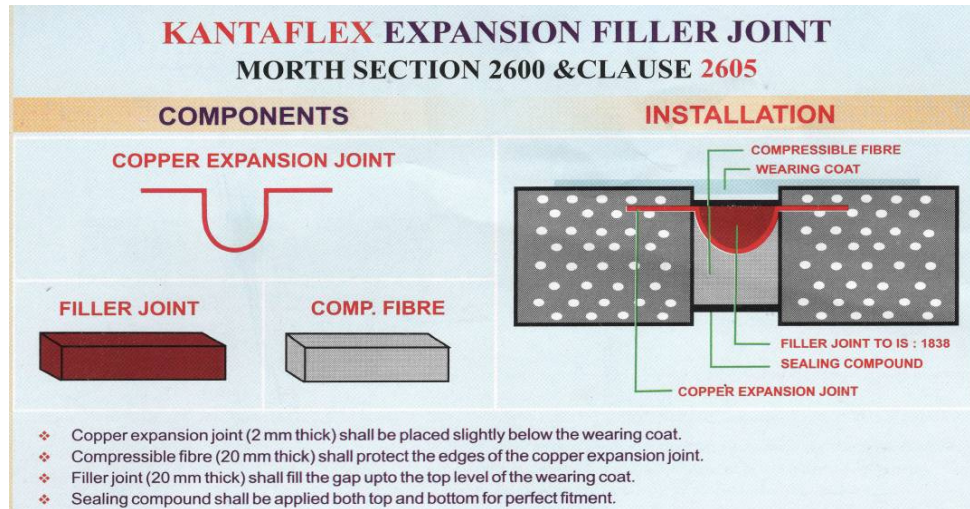


KANTA RUBBER PVT. LTD.

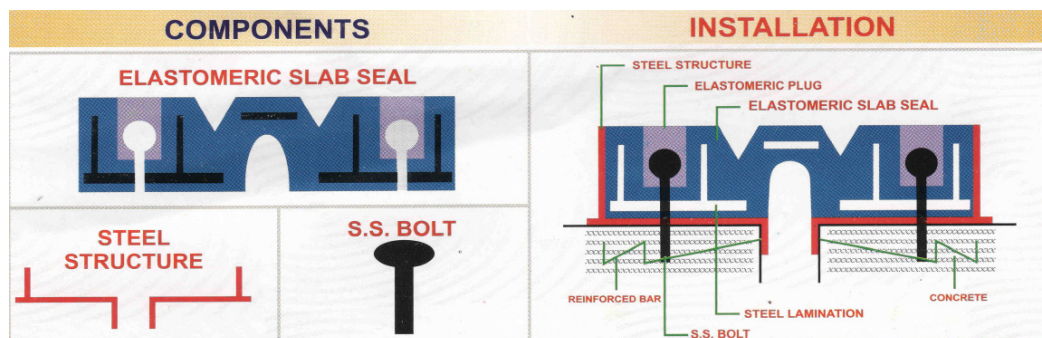
AN ISO 9001-2000 CERTIFIED COMPANY

- ★ KANTAFLEX ★
- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

2. **KANTAFLEX™ Expansion Filler Joint:** As per MoRTH Section 2600, Clause 2605. Main components are Copper Expansion Joints, Filler Joint, and Compression Fibre.



3. **KANTAFLEX™ Elastomeric Slab Seal Unit:** As per MoRTH Section 2600, Clause 2606. Main components are Elastomeric Slab Seal, Steel Structure and SS Bolt.





KANTA RUBBER PVT. LTD.

AN ISO 9001-2000 CERTIFIED COMPANY

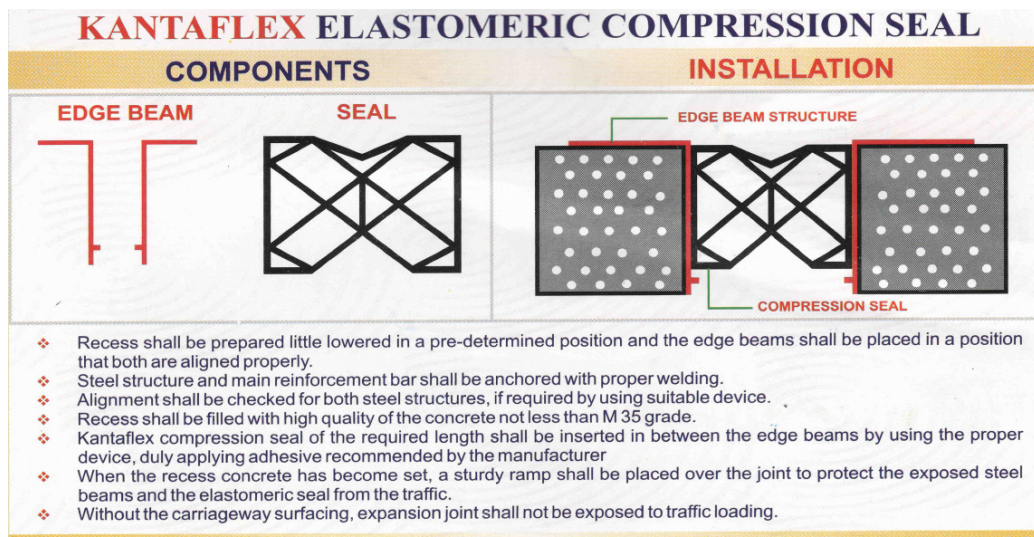
★ KANTAFLEX ★

- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

4. **KANTAFLEX™ Compression Pavement Seal:** Main components are V / E Seals.



5. **KANTAFLEX™ Elastomeric Compression Seal:** Main components are Edge Beam and Seal.





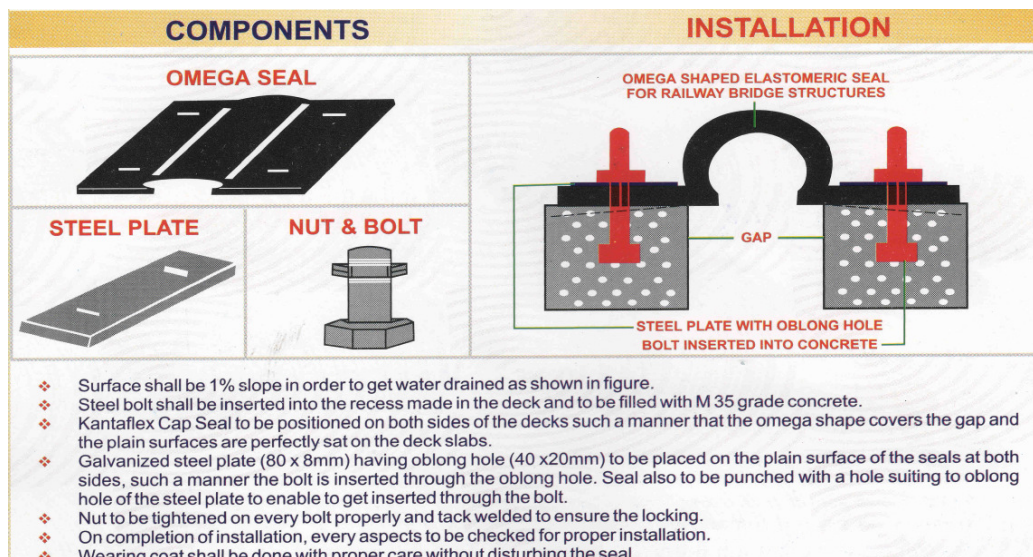
KANTA RUBBER PVT. LTD.

AN ISO 9001-2000 CERTIFIED COMPANY

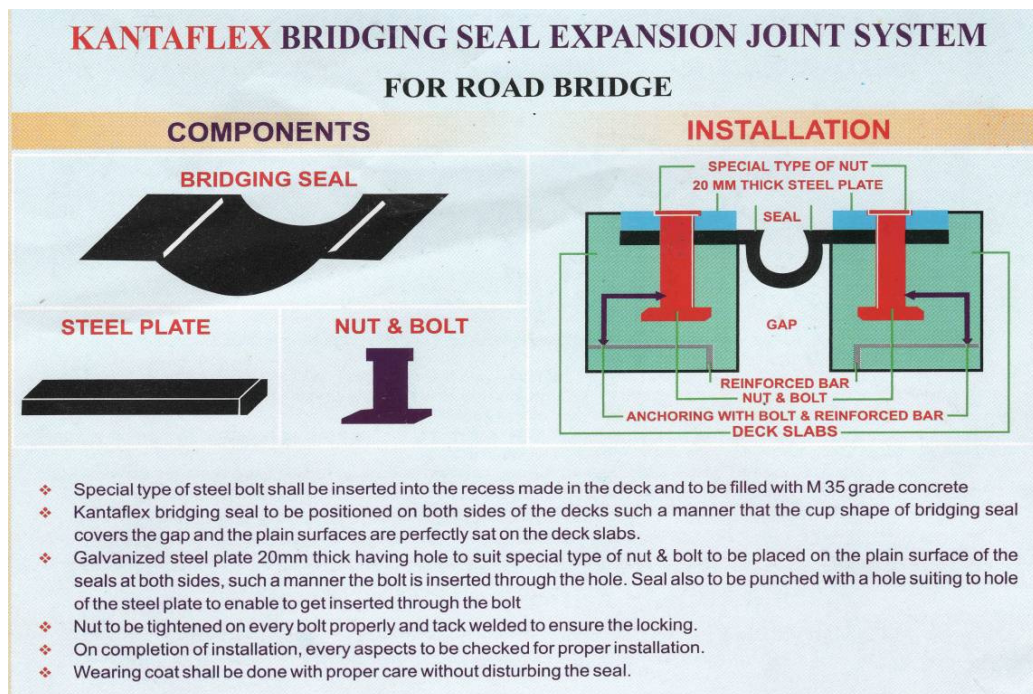
★ KANTAFLEX ★

- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

6. **KANTAFLEX™ Cap Seal Expansion Joint System (Omega Seal) for Railway Bridges:** Main components are Omega Seals, Steel Plates and Nut & Bolts.



7. **KANTAFLEX™ Bridging Seal Expansion Joint:**





KANTA RUBBER PVT. LTD.

AN ISO 9001-2000 CERTIFIED COMPANY

★ KANTAFLEX ★

- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

8. **KANTAFLEX™ PVC Expansion Joint:** Main components are PVC Expansion Joints and Filler Joints.

