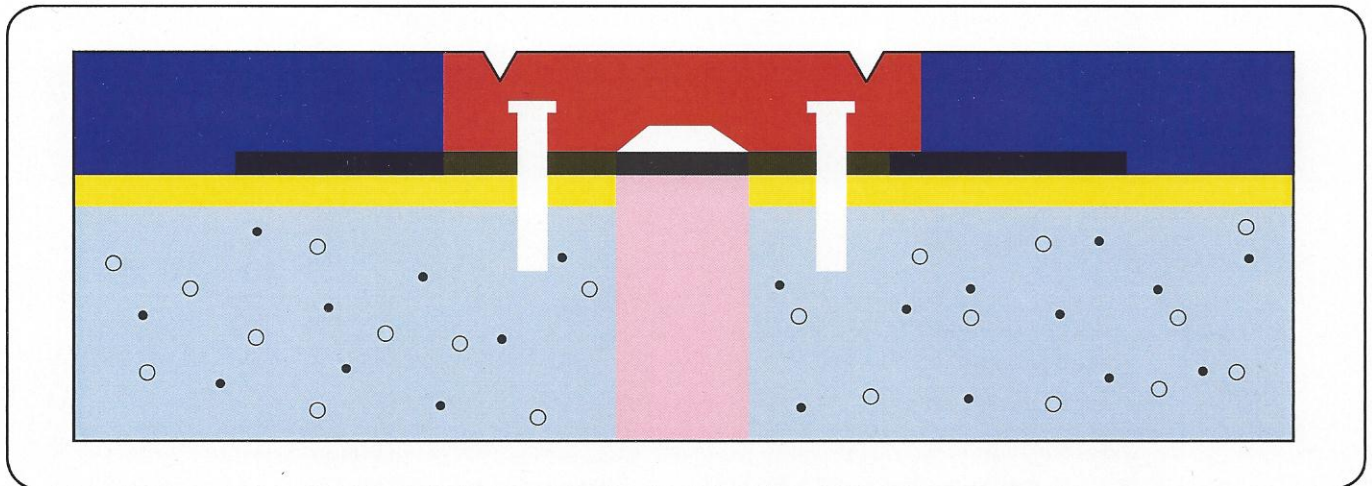









# Installation Method For Bellflex Joint System For Car Park And HGV Decks

1. Concrete deck will be primed with bitumen primer minimum of 500mm either side of exposed joint. 2 x 10mm coats of waterproofing mastic asphalt, 1st layer directly to primed concrete. This will ensure there is no tracking of water across deck to joint area. Asphalt will be laid to full width of primed deck area and finished flush to joint.
2. Fill exposed joint in deck with closed cell foam, finish level with waterproofing asphalt. Allow foam to cure, fully bond BELLFLEX expansion joint membrane to waterproofing asphalt with epoxy resin adhesive, stopping adhesive 50mm either side of closed cell foam. This will allow extra expansion for membrane.
3. Install BELLFLEX mechanical expansion joint sections. Drill and fix using stainless steel M20 chemical fixings.
4. Lay paving grade asphalt either side of mechanical joint, sandwiching BELLFLEX membrane between paving asphalt and waterproofing asphalt. Finish asphalt flush to mechanical joint, ensuring a smooth bump free surface across mechanical joint to stop impact stress on joint.

BELLFLEX is covered by a 20 year waterproofing warranty.



-  PAVING GRADE MASTIC ASPHALT
-  WATER PROOFING GRADE MASTIC ASPHALT
-  BELLFLEX MEMBRANE
-  CLOSED CELL FOAM
-  MECHANICAL JOINT
-  CONCRETE DECK
-  CHEMICAL FIXINGS

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Mastic Asphalt Council