



StructureCare

Caring with high quality Movement Joints



- Specialist labour force with years of experience in car park movement joint manufacture and installation.
- Rapid curing products and expert phasing to minimise disruption in busy car parks.
- Market leaders in the manufacture and installation of waterproof expansion joints worldwide.
- 25 years experience in multi-storey car park protection and refurbishment.
- Proprietary and bespoke jointing solutions.

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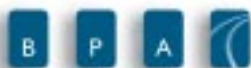
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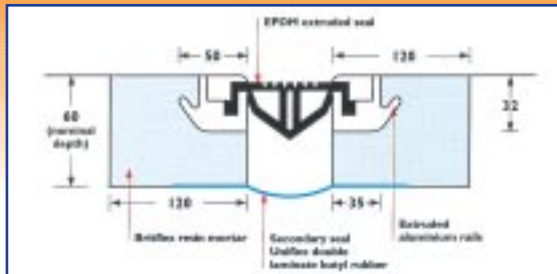
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A  GROUP COMPANY

Market Leaders in Waterproof Expansion Joint Technology

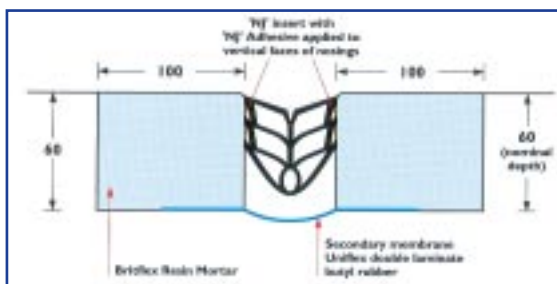
Universal Car Park (UCP)



The UCP expansion joint system features an elastomeric insert which is fixed in position by extruded heavy gauge aluminium carrier rails.

The aluminium carrier rails are encased in Britflex polyureide resin mortar nosings. Anchorage to the deck is achieved through the remarkable bonding qualities of the polyureide resin, without the need for any mechanical fixings.

Britflex NJ

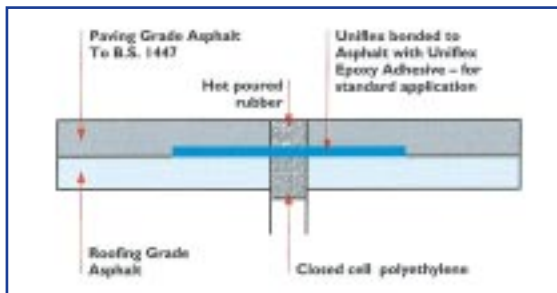


The NJ expansion joint is a surface mounted Nosing Joint featuring an elastomeric insert bonded to the Britflex polyureide resin mortar nosing.

For new works the NJ system may be installed using the nominal nosing dimensions stated on the adjacent detail.

For refurbishment contracts, the nosing may be varied to accommodate site dimensions.

Uniflex

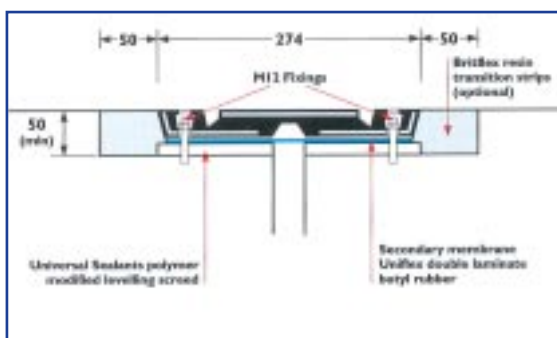


The Uniflex expansion joint system comprises a flexible 3mm butyl rubber membrane which is bonded to the asphalt or substrate to form a buried type expansion joint suitable for low movement situations.

The Uniflex membrane is frequently used in conjunction with other joint systems to form a secondary waterproofing membrane and can withstand up to 300% elongation.

The Uniflex joint detail is extremely versatile and may be adapted to many situations.

Transflex



The Transflex system is an elastomeric type expansion joint which is secured to the deck by mechanical fixings. The Transflex units for the 150 and 200 systems are supplied in standard lengths of 1750mm and 1830mm respectively, but may be fabricated to suit specific contract requirements. The Transflex system features a 3mm butyl rubber Uniflex secondary waterproofing membrane.

Transition strips incorporating Britflex polyureide resin mortar may be installed either side of the Transflex units. Transition strips are an optional feature and their requirement is dependant upon the finished surfacing specifications.

Joint Type	Movement Capacity	
	Horizontal	Vertical
UCP	70	±15
NJ	40	±10
Transflex	50*	± 3
Uniflex	20	N/A

*We have a range of eight systems designed to accommodate movements up to 330mm.

Notes

- All dimensions in mm.
- The above are standard conditions. Please refer to USL StructureCare Technical and Advisory Service if a bespoke detail is required.