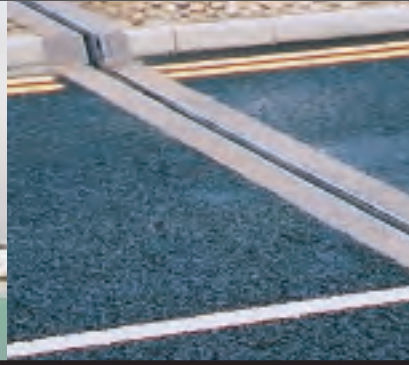




Specialist Contracting Services for Bridges, Civil Engineering and the Construction Industry.



The Company

ASL CONTRACTS was established in 1966 and offer a comprehensive range of specialist services to the Civil Engineering and Construction Industry.

This brochure provides a summary of many of the services that we provide, with particular focus on our own range of Highways Agency Registered expansion joints. Individual brochures providing more detailed information on each of the joints are available on request.

ASL are the longest serving Expansion Joint Contractor in the UK. We are able to draw on our considerable experience to ensure that we provide the best possible service.

From small Concrete Repair and Joint Sealant projects up to Large Lane Rental Schemes where Substantial Multi Crew resources are required, ASL are able to meet the needs of your specific contract.

Our client base includes:

The Highways Agency, Local Authorities, NHS Trusts and private institutions where we are employed as main contractors, and a full spectrum of main contractors who employ us as sub-contractors to undertake specialist work packages.



The Advanced EMR bridge joint system installed to radius.



Undertaking concrete repair and anti carbonation works.



Our waterproof wearing surfaces are suitable for car parks, footbridges and pedestrianised areas.

Expansion Joints

We provide a full range of Highways Agency Registered expansion joints.

Waterproofing

Approved applicators of Highways Agency Approved spray applied and sheet membrane systems.

Concrete Repairs

Full Members of the Concrete Repair Association.



Car Park Protection and Refurbishment

Protective coatings, expansion joints, concrete repairs.

Specialist Construction Services

- Anti Graffiti
- Joint Sealants
- Anti Skid
- Silane

Multiflex

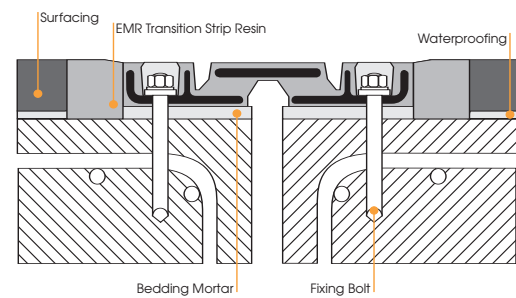
Multiflex is a Mechanical Elastomeric joint type secured to the deck with mechanical fixing bolts.

The range of joint sizes is extensive with a large movement accommodation of up to 330 mm (± 165 mm) making the joint the ideal solution for large structures.

Joint Type	Total Horizontal Movement Capacity mm	Modul Width mm
S30 M45	45	271
S50 M60	60	274
S80 M80	80	357
T80 M100	100	391
T140 M140	140	465
S200 M200	200	800
S250 M260	260	890
S350 M330	330	1105

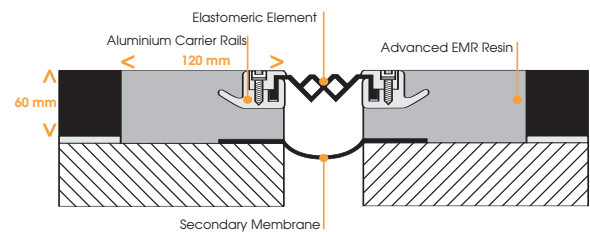


M11 Stanstead Airport interchange



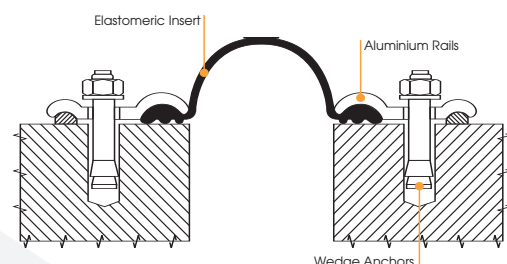
Advanced ACP 55 & 70

The ACP System is similar to the EMR joint range but has been specifically designed for use on car parks and other pedestrianised structures. The EMR resin nosings are nominally 120 mm width x 60 mm depth each side but may be varied to suit specific site requirements. A fully waterproof joint with movement accommodation of up to 70 mm (± 35 mm)



Possi Joint

For Longitudinal joints in central reserves etc, or for application to expansion joint soffits.



Advanced EMR

A mechanical "Elastomeric Element in metal runners" type system, the Advanced EMR System is available in a range of joint sizes with total movement capability of upto 150 mm (± 75 mm).

The EMR does not require any drilling of the deck due to the remarkable bond qualities of the EMR resin, which removes the need for fixing bolts.

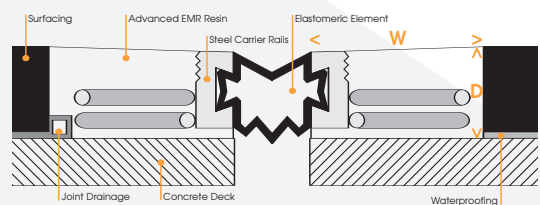
The EMR may be installed quickly and may be trafficked very soon after installation, generally 2-4 hours depending on ambient temperatures.

The speed of installation makes this joint ideal for refurbishment contracts where minimum road closure times are often a critical factor.

Joint Type	Total Horizontal Movement Capacity mm	(W) Nominal nosing width (each side) mm	(D) Nominal nosing depth mm
EMR 30	35	115	60
EMR 50	55	120	60
EMR 65	70	135	70
EMR 80	85	145	70
EMR 100	105	165	70
EMR 130	140	190	70
EMR 150	150	200	70



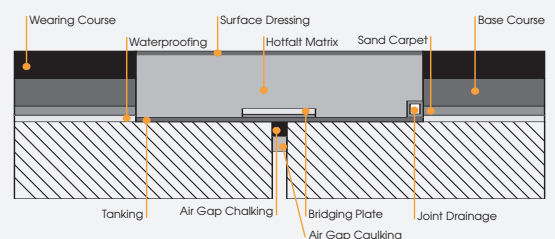
EMR joint system with steel carrier rails held in position by temporary works awaiting the installation of EMR resin mortar nosings. Once the resin mortar has cured the temporary works are stripped away and the neoprene insert is installed.



Hotfalt

The Hotfalt Asphaltic plug type system accommodates low to medium movement of up to ± 20 mm (total 40 mm) and is installed to a nominal width of 500 mm.

Once the carriageway surfacing has been broken out the joint gap is 'caulked' and aluminium T places installed before the hot applied matrix of aggregate and Hotfalt bituminous binder is poured into the joint 'trench'.





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