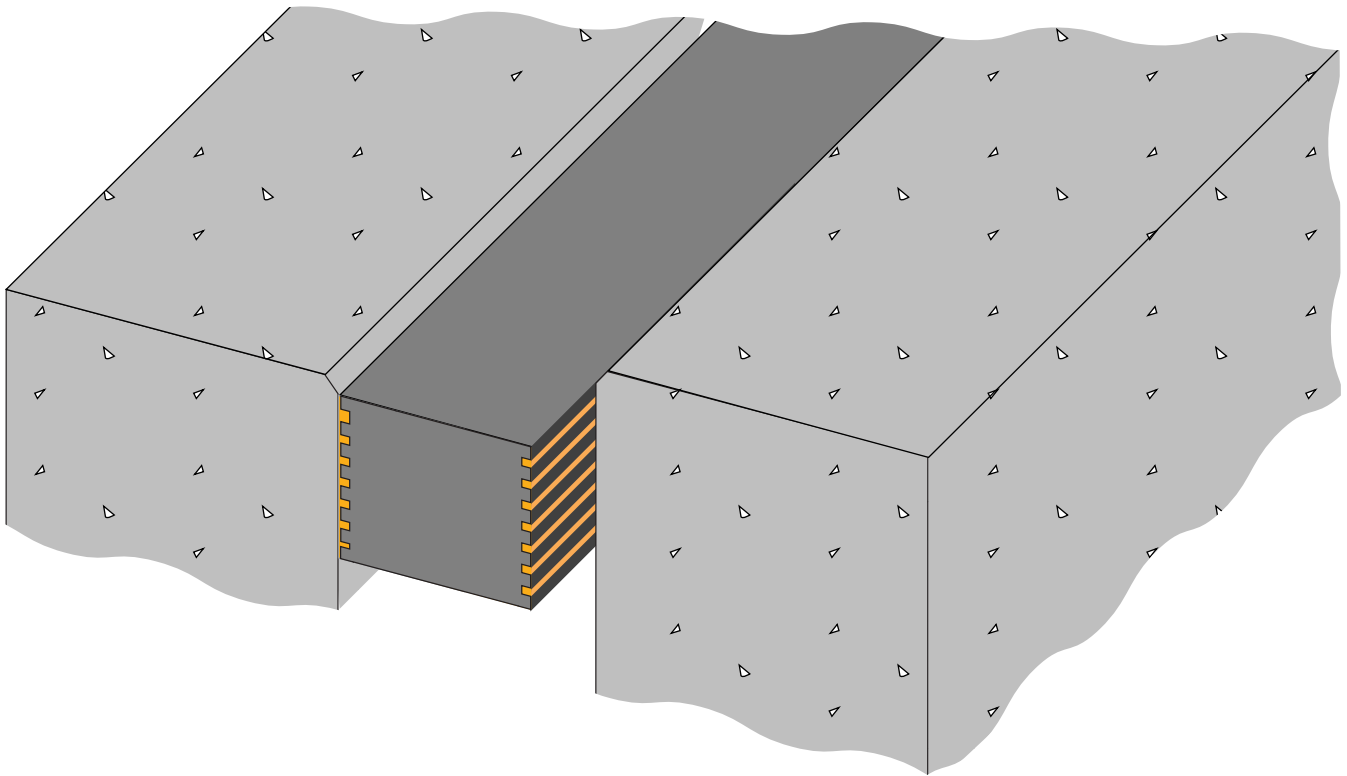


S100 system



EPOXY BONDED EXPANSION JOINT



S100 System

This expansion joint forms a watertight exterior seal in floors, walls and decks. It will not allow penetration of road salts or petroleum based products, and is therefore suitable for both pedestrian and wheeled vehicle use.

Applications

The ability of the product to go from horizontal to vertical application, with no loss of integrity, makes it a perfect choice for use in multi-storey car parks, podium decks, ramps and bridges, especially where mechanical fixing is not possible. Radflex S100 can also be used as a hydrostatic seal. (Contact Radflex for details.)

Configuration

Radflex S100 closed cell foam

Radflex S100 bonding agent

Materials Performance

Radflex S100 closed cell foam has been produced to be stable when exposed to UV light, giving a long service life of the joint. Installation is straight forward and meets the demands of the latest construction techniques.

Health and Safety

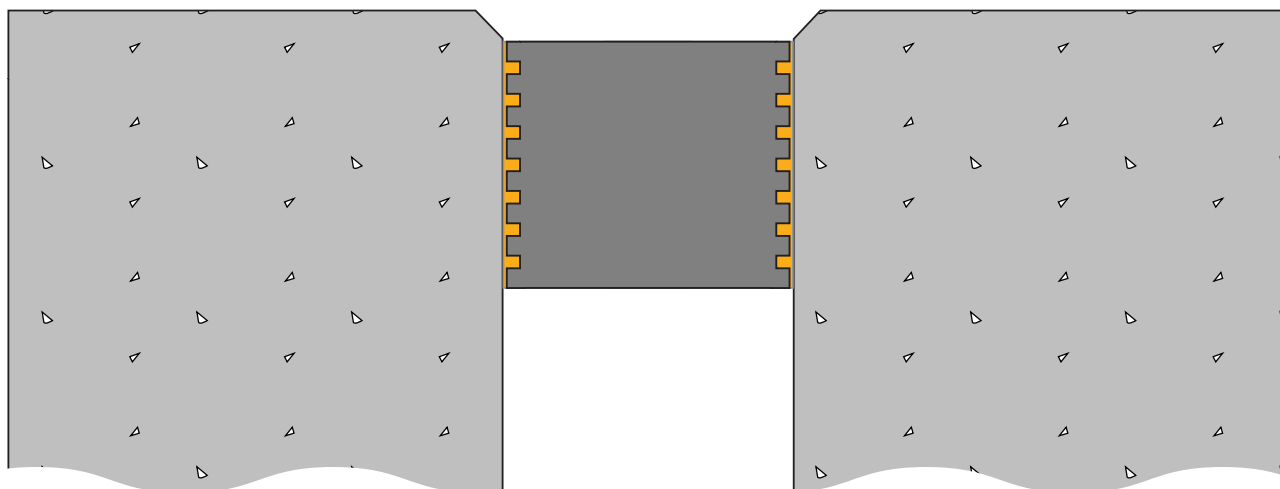
Installation and use causes no 'health and safety at work' hazards, provided that manufacturers' instructions are followed regarding adhesives and sealants.



S100 system



EPOXY BONDED EXPANSION JOINT



Product Description

Radflex S100 waterproof movement joints are made from Ethylene Vinyl Acetate, Copolymer Foam @ 50kg/m³.

The foam joints are grooved along its bonding surface to give a greater adhesive strength to the substrate, in association with the bonding agent. Radflex S100 joints are supplied black in colour. (Other colours are available on request, contact Radflex)

Reference Installations

Radflex systems are installed in many different traffic conditions in a variety of climates. We are pleased to refer enquirers to relevant applications to confirm satisfaction with the installation and system performance.

Radflex Design Services

Technical advice and design services are available from our Technical Department, including reviewing requirements of particular applications, ensuring installation of the most appropriate Radflex system to suit specific sites and applications. S100 joint can be adapted to most types of concrete construction.

Joint/Size Specification

Joint Reference	Material Width mm	Material Depth mm	Structural Gap Width mm	Joint Movement ±mm
S100-020	25	25	20	10
S100-025	32	50	25	12
S100-030	38	50	30	15
S100-035	44	50	35	17
S100-040	50	50	40	20
S100-045	57	50	45	22
S100-050	63	50	50	25
S100-060	75	76	60	30
S100-070	88	76	70	35
S100-080	100	76	80	40
S100-090	113	76	90	45
S100-100	125	90	100	50

Product Properties

All test data pertaining to the Radflex S100 foam joint are available on request from Radflex Contract Services.

Notes:

Due to our programme of continuous improvement, the specification may be subject to updating.