

Bridge Expansion Joint System

Overview

Bridge expansion joints can become distorted through heavy, slow moving vehicles or overloading, leading to irreversible damage - especially with low movement asphaltic plug type systems. Mastic Asphalt Bridge Expansion Joints offer a heavy duty, highly flexible solution.

System overview

The Mastic Asphalt Heavy Duty Bridge Expansion Joint System is a structurally enhanced movement joint ideal for repairing and replacing such damage, able to accommodate the movement inherent in bridges.

The system can be installed to any depth or width, and any localised surface deterioration can be taken into account, avoiding the need to use a more expensive system of jointing.

MAC Manufacturer Members have a fully-registered Highways Agency product.

System benefits

The Mastic Asphalt Heavy Duty Bridge Expansion Joint System offers the following benefits:

- Versatile and waterproof system
- Rapid installation reducing delays and inconvenience
- Unlimited joint width and depth
- Long term durability
- Withstands heavy traffic
- Cost effective
- Range of finishes to match different surfaces and skid resistance levels
- High bond strength to substrate
- Accommodates differential movement

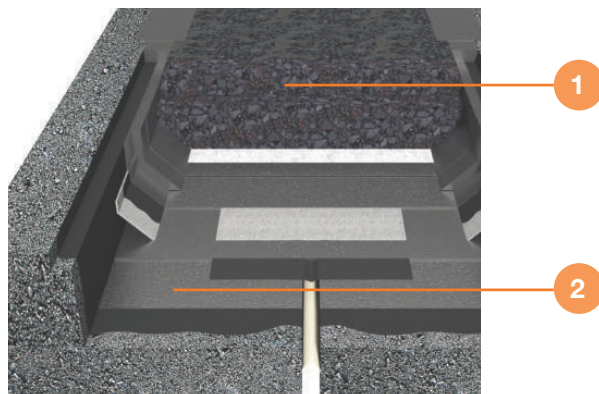


Table 2

	PRODUCT	DESCRIPTION	FORMAT / NOMINAL WEIGHT
1	Mastic Asphalt Heavy Duty Bridge Deck Expansion Joint	A high-modulus material that uses a binder of SBS modified bitumen and Trinidad Lake Asphalt giving low temperature flexibility and high temperature stabilities required for heavily trafficked roads	Block / 20kg Hot-charge (molten state)
2	PSB	A rubberised waterproofing layer designed to increase flexibility and improve adhesion to existing surfacing	Block / 12kg