

TECHJOINT TROPICAL

ASPHALTIC PLUG JOINT SYSTEM

Techjoint Tropical is a modified high modulus asphaltic plug joint system suitable for tropical climates, recommended for installations in areas of high traffic density and where surface temperatures exceed 50°C.

This system is a polymer modified bituminous compound which exhibits a high resistance to plastic flow and has resilient properties to withstand deformation from trafficking at elevated temperatures. It forms an integral part of the wearing course of the bridge deck thereby ensuring good ride quality. In standard joints 20mm graded granite is utilised. For shallower joints other sizes may be specified (please refer to our Technical Services Dept. for further information)

BENEFITS:

- Very low maintenance
- Able to withstand extremes of temperature
- Low surface noise and excellent ride quality
- Flexible and waterproof
- Ability to accommodate longitudinal, rotational and transverse movements.
- Quick installation, thereby minimising disruption to traffic flow
- Can be used across the full depth of the bridge deck

IMPORTANT NOTES:

Storage and handling: Packed in 25kg silicone lined paper bags, shelf life approx. 12 months, protect from sub-zero temperatures.



PHYSICAL PROPERTIES

| | |
|-------------------------|---------------|
| Form | Thermoplastic |
| Colour | Black |
| Specific Gravity | 1.2 |
| Softening Point | 110°C min |
| Flow Test (5hrs @ 60°C) | 3mm max |
| Cone Penetration @ 25°C | 30 - 55 |
| Extension @ 23° | 400% min |
| Force @ 23°C | 200 N min |
| Application Temp. Range | 180 - 210°C |
| Max Safe Heating Temp. | 220°C |
| Flash Point | 250°C |

Disclaimer: All products should be used in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control. Materials are sold only on the basis of conforming to specification, but without warranty expressed or implied in law or in fact of merchantability or fitness for a particular purpose and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purpose.
Issue no: 4 - 27.1.21

Speak to our experts, contact us today

T: +44 (0) 1508 536 360 | E: info@roadtechs.net | www.roadtechs.net