PRODUCT INFORMATION



SB-AW Asphaltic Plug Bridge Expansion Joint – TST

SB-AW Asphaltic Plug Bridge Expansion joint – TST, is a standard asphaltic plug joint which provides a flexible, waterproof joint with excellent ride quality for road users and noiseless characteristics for minimal impact on the environment. Asphaltic plug joints are recognised as being suitable for a maximum design movement of +/-20mm horizontally and +/-1.5mm vertically and are ideal for use on bridges with low traffic volumes.

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SB-AW Asphaltic Plug Bridge Expansion Joint - TST (AWBRHSJBTSTAPBEJ02)

Applications

- SB-AW Asphaltic Plug Bridge Expansion joint – TST are for movements up to 25 mm are suitable for small and medium-span bridges. Because of good performance under both high and low temperature, SB-AW Asphaltic Plug Bridge Expansion joint – TST can be used in different zones to ensure traffic safety.
- SB-AW Asphaltic Plug Bridge Expansion joint – TST also can be used in the road and expressway.
- Heat SB-AW Asphaltic Plug Bridge Expansion Joint to pouring hot temperature range between 150°C to 175°C. Avoid localized heating above 180°C.
- SB-AW Asphaltic Plug Bridge Expansion Joint can be applied to any thickness in one time pouring. Allow for 10% shrinkage of hot material at 150°C on cooling to room temperature.
- Direct flame of the LPD torch may be used to remelt applied material for levelling off. Avoid localized flame heating exceeding 10 seconds which would light up the material.

Installation Instructions

1. Remove any dirt, loose material, grease, oil or laitance. Then clean and dry joint surface
2. Premix Marking and Saw Cut to the required joint dimension.
3. Hacking and Cleaning by Air Blower and Hot Air Burner.
4. Removing all Laitance and Sub-Standard Material.
5. Applying Binder into the prepared trench.
6. Installing Plate with nail over the gap.
7. Applying Mixture into the prepared trench.
8. Compaction of Joint with Mechanical Compactor.
9. Lay and Trowel of Binder for Finishing Layer.
10. Completed Joint System can be Trafficked within 1 – 2 Hours

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Specifications

SB-AW Asphaltic Plug Bridge Expansion joint – TST

Joint Gap (mm)	Joint Width (mm)	Joint Thickness (mm)	Max Horizontal Movement (mm)	Max Vertical Movement (mm)
10	80–100	≥ 20	+/- 20mm	+/- 1.5mm
20	160–200	≥ 50	+/- 20mm	+/- 1.5mm
30	240–300	≥ 75	+/- 20mm	+/- 1.5mm
40	320–400	≥ 100	+/- 12mm	+/- 1.5mm
50	400-500	≥ 120	+/- 20mm	+/- 1.5mm

Packing

SB-AW Asphaltic Plug Bridge Expansion joint – TST is available in 25 kg carton or pail.



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