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Product Data Sheet
RP 6297 W/AGG
 Asphaltic Plug Bridge Expansion Joint System

No Box: 2299-102
 Boxed: 2199-102
 October 2018

DESCRIPTION: RP 6297 W/AGG is a hot applied polymer modified asphalt binder mixed with select graded and processed aggregates. This pre-measured, pre-packaged all in one system is placed in a heated mixer and poured into a primed bridge joint cut where it levels and cools to form an asphaltic plug bridge expansion joint system.

- *High Workability for Less Handling*
- *Superior Bond to Existing Pavement*
- *Flexible & Highly Durable*

USE: RP 6297 W/AGG may be used in either exposed concrete or asphalt overlaid decks for initial placement or replacement of existing asphaltic plug expansion joint systems. Use is limited to applications where the expansion and contraction does not exceed 1.0" from the original installation width. Use a jacketed melter with a full sweep horizontal agitator that can maintain a pour temperature between 350 °F and 400 °F. Not subject to pumping with typical pumps used for sealant due to high aggregate loading.

TYPICAL BINDER PROPERTIES

Softening Point	ASTM D 36	180 °F min.
Tensile Adhesion	ASTM D 5329	700 % min.
Ductility, (77 °F)	ASTM D 113	400 mm min.
Penetration, (77 °F)	ASTM D 5329	7.5 mm max.
Penetration, (0 °F)	ASTM D 5329	1.0 mm min.
Flow, (140 °F)	ASTM D 5329	3.0 mm max.
Resilience, (77 °F)	ASTM D 5329	40 - 70 %
Asphalt Compatibility	ASTM D 5329	Pass
Bond 3 cycles @ -7 °F, 100% ext.	ASTM D 5329	Pass
Flexibility @ -23 °F	ASTM D 5329	Pass
Installation Temperature Range		350 - 400 °F
Safe Heating Temperature Range.....		400 °F max.

AGGREGATE PROPERTIES

Sieve Size 37.5 mm	90 % Passing Minimum
Sieve Size 25.0 mm	80 % Passing Minimum
Sieve Size 12.5 mm	50 % Passing Minimum

EQUIPMENT: Use an agitated, oil-jacketed unit that has separate temperature gauges for both the sealant and the heat transfer fluid. Take the plastic bag and load into the kettle one at a time. Melt only enough material for the day's activities. Once melted, additional material can be added as needed. Material can be safely reheated within the sealants service life. NOTE: Prolonged heating of the sealant above the maximum safe heating temperature may cause it to gel in the kettle.

SERVICE LIFE: The service life when heated to application temperature is approximately 12 hours. Adding fresh material to the melter as sealant is being used will extend the service life. Product shall be agitated during installation. Any material that has exceeded the service life should be removed from the melter and discarded.

INSTALLATION: Refer to RP 6297 method statement for installation instructions.

PACKAGING:

Type	lbs. per unit	Units per Pallet	lbs. per Pallet
Boxed	35	60	2,100

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