



RP 6297 HIGH TEMP

Asphaltic Plug Bridge Expansion Joint System

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DESCRIPTION: RP 6297 HIGH TEMP Asphaltic Plug Expansion Joint System 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: The RP 6297 HIGH TEMP Asphaltic Plug Expansion Joint System 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 PROPERTIES

Softening Point	ASTM D 36	210 °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.

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 of sealant 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 recommended installation instructions.

PACKAGING:

Type	lbs. per unit	Units per Pallet	lbs. per Pallet	Our patented No Box packaging allows faster melting and less handling of each 30 lb unit. This enables contractors to focus on productivity in a safer environment.
No Box	30	65	1,950	
Boxed	35	60	2,100	



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