



ASPHALT RUBBER MODIFIED

NO. JTS-043
REVISION: 003

DESCRIPTION

ASPHALT RUBBER MODIFIED Hot Applied Sealant is formulated with selected asphaltic resins, synthetic polymeric rubber, plasticizers, stabilizers, and a blend of organic reinforcing fillers. It is specifically formulated to contain a minimum of 18% recycled rubber.

This economical material is a hot applied, one part sealant that provides excellent results under extremely varying conditions. ASPHALT RUBBER MODIFIED is the perfect joint and crack sealant for many applications where high-reclaimed rubber content is specified.

- Superior bonding characteristics
- High resiliency and weather resistance
- Excellent results throughout freeze and thaw cycles

SPECIFICATIONS

- MI 904.03D Alt. 2
- ASTM D 6690 TYPE I Modified
- AASHTO M 324 Type I Modified
- Fed SS-S-164

TYPICAL PROPERTIES

Recommended Pour Temperature 370 °F
 Maximum Heating Temperature 390 °F
 Recommended Extended Heating..... 12 Hours
 Penetration, 150gr/5 sec..... 50 – 90
 Resilience, 77 °F25-60%
 Flow at 140°F.....5 mm max.
 Bond, -20°F/50% Ext. Passes 5 cycles
 Flexibility, -20°F, 1", 90 degrees, 10 secPass

USE AND APPLICATIONS

ASPAHLT RUBBER MODIFIED is recommended for sealing of joints and cracks in concrete and asphaltic pavements and parking lots. It is designed for use in sealing expansion and contraction joints as well as random cracks.

- Roadways
- Parking Lot
- Airport Runways

FEATURES AND BENEFITS

- Economical quality joint and crack sealing compound for concrete and asphaltic pavements.
- Effective preventative maintenance treatment.

EQUIPMENT

Use an agitated oil-jacketed unit that has separate temperature gauges for both the sealant and the heat transfer fluid. Take the 30 lb. 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.

JOINT PREPARATIONS

To facilitate proper adhesion, the joint or crack should be dry and clear of any dirt, dust or other contaminates. Substrate and ambient temperatures must be 40 °F or above. Proper sizing of the joint will cause the maximum extension/compression to not exceed 50% of the width. Joints or random cracks of ¼" or less are difficult to properly clean prior to applying the sealant.

SERVICE LIFE

The service life (pot-life) at application temperatures is approximately 12 hours. Adding fresh material to the melter as sealant is being used will extend the service life. Material that has been overheated can thicken and gel in the melter. Any material that has exceeded the service life should be removed from the melter and discarded.

COVERAGE

Width	Depth	Pounds/100 lineal feet
3/8"	3/8"	6.9
3/8"	1/2"	9.3
1/2"	1/2"	12.3
1/2"	1"	24.7
3/4"	1/2"	18.6
3/4"	3/4"	27.8

PACKAGING

60# CARTON (2 SPLIT 30# CUBES)
36 CARTONS PER PALLET

30# NO BOX TRI-BLOCK UNIT
65 UNITS PER PALLET



Patent Pending

PRODUCT DATA SHEET