



ULTRASEAL 3407 MTO

Joint / Crack Sealant

PRODUCT DATA INFORMATION

DESCRIPTION:

Ultraseal 3407 LM Joint/Crack Sealant is a single component, hot applied rubber polymer asphalt compound. It is composed of a selected compatible asphalt, synthetic rubbers, and stabilizing fillers. This blend of materials produces a compound that is very resilient, has a low modulus and displays excellent adhesive properties. The low modulus properties allow for a lower stress/strain relationship at low temperatures.

USES:

Ultraseal 3407 LM is used for sealing horizontal cracks and joints, in asphaltic and concrete pavements, to prevent the infiltration of moisture. Suitable for use in areas where pavement temperatures during the winter can reach -29°C (-20°F) and lower.

APPLICATION:

Material is heated in a double-jacketed oil bath melter, equipped with a mechanically operated agitator. Recommended application temperature is 188-198° C (370-390°F)**. Installation can be by gravity pouring cone or by pressurized wand system. ** Temperature when sealant comes in contact with pavement surface. **Low modulus sealant must be installed at recommended application temperatures to achieve acceptable levels of adhesion.** Sealant installed to dirty or wet surfaces may not achieve acceptable adhesion.

PACKAGING:

- Cartons – 30 lb. (13.6 kg)
- Approx. 500 lb. (227 kg) - open top drums, containing 10 individual 50 lb patties.
- Special packaging available upon request.

PHYSICAL PROPERTIES:

Property	Test Method	Typical Results
Penetration @ 25°C (77°F)	ASTM-D-5329	130 Max.
Flow @ 60°C (140°F)	ASTM-D-5329	3 mm Max.
Softening Point	ASTM-D-36	80°C min.
Resilience @ 25°C (77°F)	ASTM-D-5329	30% min.
Asphalt Compatibility	ASTM-D-5329	Pass
Low Temp. Flexibility	180° Bend over 1" Mandrel	Pass -25°C (-13°F)
Safe Heating Temperature		204° C (400°F)

Tested in accordance with ASTM-D-5329-96 testing procedures.

Disclaimer Ultraseal Waterproofing and Sealant Technologies Inc. believes that the information contained herein is an accurate description of and uses of the product, but it is the buyers and users responsibility to determine and thoroughly confirm fitness and compatibility for use and to determine performance, efficacy, and safety.

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