



ULTRASEAL 1199

Joint / Crack Sealant

PRODUCT DATA INFORMATION

DESCRIPTION:

Ultraseal 1199 sealant is a single component, hot applied elastomer-modified asphalt compound. It is composed of specialty elastomers, asphalt and inert stabilizers. This blend of materials produces a sealant that is resilient, displays excellent adhesive properties and is flexible. The special elastomer modifiers allow Ultraseal 1199 to be melted in direct-fired single-walled kettles, without severe degradation of sealant properties.

USES:

Ultraseal 1199 is used for sealing horizontal cracks and joints, in asphalt and Portland cement concrete pavements, to prevent the infiltration of moisture.

APPLICATION:

Ultraseal 1199 is formulated to allow for melting in direct-fired single-walled kettles, but can also be melted in double-walled oil bath melters. Melters equipped with mechanical agitation or circulation pump is much preferred to reduce localized over-heating. Installation can be pressurized wand system or by gravity pouring cones/ pots.

Application temperature: 177-226°C (350-440°F).

PACKAGING:

30 lb. (13.6 kg) Cartons
Special packaging on request.

PHYSICAL PROPERTIES:

Property	Test Method	Ultraseal Specifications
Penetration @ 25° C (77° F)	ASTM-D-5	45 dmm Min.
Penetration @ 0° C (32° F)	ASTM-D-5	10 dmm Min.
Ducility @ 25° C (77° F)	ASTM-D-113	30 cm Min.
Ducility @ 5° C (41° F)	ASTM-D-113	5.0 cm Min.
Softening Point (R&B)	ASTM-D36	62° C (144° F) Min.
Resilience @ 25° C (77° F) 20 seconds	ASTM-D-5329	25% Min.
Application Temperature		177-226°C (350-440°F)
Safe Heating Temperature		232° C (450°F)

The physical and chemical properties are typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

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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