



TECHNICAL DATA SHEET
HE093-Duroflex Hot Pour Crack Sealant

Physical property	Typical value	Test method
Color	Black	-
Application Temp	340-350 °F	-
Brookfield Viscosity @ 375°F (#27, 20rpm)	1800-3500 cP	-
Ductility @ 77° F, 5cm/min	≥55 cm	ASTM D113
Flash Point (open cup)	>550 °F	ASTM D92
Flow @ 140° F	≤3 mm	ASTM D5329
Maximum Heating Temperature	380 °F	-
Penetration @ 77°F (150g 5 sec)	25-35 dmm	ASTM D5329
Resiliency @ 77°F	35-50%	ASTM D5329
Softening Point	≥210°F	ASTM D36
Weight Per Gallon	10.5-11.5 lbs	-

Description

HE093 DUROFLEX ASPHALT CRACK AND JOINT SEALANT is a blend of polymer modified asphalt and additives designed as a hot applied, premium pavement crack and joint sealant for both asphalt and concrete surfaces. Only 100% new polymer is used, without any additional recycled rubber acting as filler, giving superior performance over a variety of climate zones. It is packaged in easy-to-use 35lb. "bricks" that are wrapped with meltable poly in an individual cardboard carton and palletized.

Features and benefits

- Highly flexible with excellent adhesion properties, suitable for use in all climates
- Sets up quickly and will not bleed or track

Usage

Sealing cracks and joints in concrete, asphaltic parking lots, roadways, and airport taxiways.

Application

Surface Prep: Surface must be dry and free from all loose material, dirt and dust. Any weeds or plant matter should be removed and the area sprayed with herbicide.

Apply: For best application, use an oil jacketed melter and dispense the material between 340° - 350°F. Never exceed 380°F, as product performance will be degraded. Duroflex will also work with direct fire melters if proper care is taken to limit flame intensity to eliminate hot spots and not scorch product. Only apply to cracks, normally 1/4" and wider with a pressure feed wand system or gravity pour pots. Use a "V" or "U" shaped squeegee to strike off material and avoid excess "bands" on the surface. Misting or sanding is optional if tracking concerns exist.

Coverage: One 35 lb. carton equals 3.75 gallons (866 cubic inches) of joint volume.

Precautions

Do not allow material to exceed 380°F.

Clean Up

Clean hands and cold equipment with citrus based hand cleaner. Mineral spirits or other asphalt cleaners can be used on equipment with precautions.

Henry HE093 Duroflex Hot Pour Crack Sealant

Caution

Close container after each use. DO NOT TAKE INTERNALLY! Use protective measures to avoid contact with eyes and skin. **If swallowed, CALL PHYSICIAN IMMEDIATELY! In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. In case of accidental injection by power spray equipment, GET MEDICAL ATTENTION IMMEDIATELY!** Dispose of container and unused contents in accordance with Local, State and Federal regulations.

Shelf Life

12 months in unopened containers when stored in dry conditions.

Disposal

Dispose of contents/containers in accordance with local/regional/national/international guidelines.

Product size/packaging

35 pounds

Storage

Store in a well-ventilated place. Store locked up. Keep boxes out of direct sunlight and rain. If covered area is not accessible, cover with tarp.

KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN.

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