

PATCHMASTER

Pothole Patch

SMT-210

REVISED 1/16/24

PRODUCT DESCRIPTION & BENEFITS

PatchMaster is a cold-applied high performance pothole patch material. It is an all-weather material that can be used to fill potholes in wet or dry conditions. PatchMaster remains pliable at temperatures as low as -20°F.

USES

A fast, economical, easy to use pothole patch for parking lots, driveways, roads, streets, and more.

COMPOSITION

A special blend of asphaltic resins, oils, and aggregate.

SIZES

Available in 50 lb. weatherproof plastic bags.

COLOR

Dries Black.

LIMITATIONS

Do not apply over ice or snow. Store in a warm place to enhance workability.

TECHNICAL DATA

(see chart below)

Chemical & Physical Analysis	
Aggregate	
PatchMaster aggregate consists of crushed limestone complying with the requirements of ASTM C-33.	
Gradation of Passing Aggregate:	
Sieve Size	% Passing
3/8 in	100
4	20-85
8	2-40
16	0-10
50	0-6
200	0-2
ASTM C-88 Soundness Loss	12.0% Max.
ASTM C-131 Los Angeles Abrasion	40.0% Max.
ASTM C-117 #200 Sieve (by wash)	2.0% Max.
ASTM C-127, 128 Absorption	1.0 - 2.0% Max.
ASTM C-127, 128 Specific Gravity	2.55 - 2.75% Max.
ASTM C-123 Soft Aggregates	3.0% Max.
Bituminous Material	
The bituminous binder component of PatchMaster conforms to the following requirements:	
ASTM D-1310 Flash Point (TOC)	94°C (200°F) Minimum
ASTM D-2170 Kinematic Viscosity at 60°C (140°F)	300 - 400
ASTM D-95 Water	0.2% Max.
ASTM D-402 Distillate Test:	
To 225 degrees C (437°F)	None
To 260 degrees C (500°F)	0 - 5%

To 315 degrees C (600°F)	0 - 25%
Residue from distillate at 300 degrees C (680°F)	72 - 95%
Residue Tests:	
ASTM D-2171 ABS. Viscosity at 60°C (140°F)	125 - 425 Poises
ASTM D-5 Penetration	200 min.
ASTM D-113 Ductility at 4°C (39°F) 1 cm/min	100 min.
ASTM D-2042 Solubility in Trichloroethylene	99% min.
Material Specifications	
Ash Content (asphalt & aggregate combined), %	80-87%
Asphalt Cutback, %	5-7%
Asphalt Residue of Cutback, %	70-80%

INSTALLATION

Remove loose material, debris, snow, and standing water from pothole prior to application.

METHODS

Pothole patch can be poured directly from container or shoveled into pothole. Use hand tamp, roller, or vehicle tires to compact material.

MIXING PROCEDURES

Store PatchMaster Pothole Patch in warm area to enhance workability. PatchMaster is a ready to use product. Simply pour or shovel from container.

APPLICATION

Apply PatchMaster directly from bag. Fill to a height of 1/2" above surrounding pavement. Tamp or compact into place with hand tamper, roller, or car wheels.

ESTIMATING MATERIAL REQUIREMENTS

One 50 lb. bag of PatchMaster will cover approximately 5 square feet at 1" depth or 2.5 square feet at 2" depth.

PRECAUTIONS

Keep Out Of Reach Of Children. Store containers in warm place prior to using. Use only with adequate ventilation. Avoid prolonged contact with skin and breathing of vapor.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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