MAXWELL PRODUCTS

GAP | MASTIC C

DATA SHEET

MAXWELL PRODUCTS, INC.
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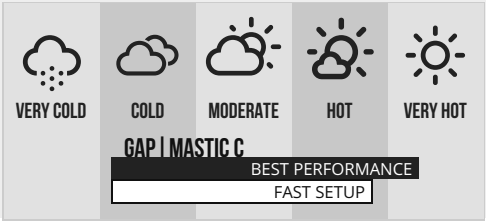
GAP-Mastic is a hot-applied polymer modified asphalt mixed with engineered aggregates and modifiers designed to fill wide cracks and defects to prevent water infiltration and restore ride quality. It is designed as a permanent repair solution for wide thermal cracks, fatigue cracking, rutting and depressed broken-up areas. It is also recommended for use around solid structures in flexible pavements like manholes, gutters, and drains.



SPECIFICATION

BINDER	
TEST METHOD:	RESULT:
CONE PENETRATION : 77°F (25°C), 150G, 5S : ASTM D5329	50 DMM MAX
SOFTENING POINT : ASTM D36	205°F (96°C) MIN
FLEXIBILITY : 1 IN (25MM) MANDREL, 90 DEG BEND, 2S : ASTM D3111	PASS 0°F (-18°C)
TENSILE ADHESION : 77°F (25°C) : ASTM D5329	400% MIN
RESILIENCE : 77°F (25°C) : ASTM D5329	30% MIN
AGGREGATE	
TEST METHOD:	RESULT:
SIEVE ANALYSIS : NO. 4 SIEVE, PASSING : MANUFACTURER'S CERTIFICATION	90% MIN
SIEVE ANALYSIS : NO. 16 SIEVE, PASSING : MANUFACTURER'S CERTIFICATION	10% MAX
BLENDED PRODUCT	
TEST METHOD:	RESULT:
DENSITY : 77°F (25°C) : ASTM D70	13.0 LBS/GAL
MASTIC RESILIENCE : ASTM D8260	50% MIN
EFFECTS OF RAPID DEFORMATION : 8 N-M, 19.4°F (-7°C), 3 SPECIMENS : ASTM D2794	PASS
CRACK BRIDGING : 3 CYCLES, 19.4°F (-7°C) : ASTM C1305	PASS
MASTIC STABILITY : 158°F (70°C) : ASTM D8260	40.0 MM MAX

MEETS REQUIREMENTS OF: ASTM D8260, TYPE 1

APPLICATION INSTRUCTIONS

Read and follow application instructions before use. This product must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must be capable of maintaining constant agitation to the material to keep aggregate suspended evenly.

Maximum safe heating temperature: 400°F (204°C).

Recommended application temperature: 380°F (193°C).

WARRANTY

Maxwell Products, Inc. warrants that our products will be free from defects in material or workmanship and will conform to our published specifications at the time of shipment. Due to the many differing procedures used in preparing and installing materials, and differing surfaces on which our products may be applied, Maxwell Products assumes no liability for the failure of our products due to improper surface preparation, surface composition, installation, equipment failure or operator errors. In the event our products fail to conform to our published specifications at the time of shipment, we will, at our expense and sole option, replace our defective product or give you a full or partial refund of the purchase price from Maxwell Products. Claims must be made within three (3) months of the date of purchase. MAXWELL PRODUCTS HEREBY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

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