MAXWELL PRODUCTS GAP | MASTIC C DATA SHEET

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

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Generated December 5, 2025. Please visit http://maxwellproducts.com for the current version of this document.