

ram-Tough K-312

PRODUCT DESCRIPTION

ram-Tough K-312 is a modified asphalt which incorporates Shell "Kraton®" polymer matrix by high sheer blending with specially selected asphalt bitumen. It is formulated for use with conventional direct flue fired roofing kettles.

ram-Tough K-312 is formulated to comply with the parameter requirements of ASTM D-6152 specifications. K-312 is less elastomeric than ram-Tough KLB-100 bitumen.

USES

ram-Tough K-312 is designed for use as an economical, high-performance interply mopping adhesive and top coats utilizing roofing felts of fiberglass, polyester, and most SBS modified bitumen roofing sheets.

ADVANTAGES

The performance features of ram-Tough K-312 include dramatic increases in tensile strength, recoverable elongation, fatigue resistance, flow resistance, cold weather flexibility, self-healing cold-flow properties, and aggressive adhesion when compared to conventional bitumens.

Physical Properties

<u>Test</u>	<u>Typical Results</u>
Flash Point	575°F min
Softening Point	185-205°F min
Viscosity Brookfield, Model HAT #1 Probe @ 50 RPM	220 cp
Penetration (dmm) @ 77°F	15-30 dmm
Elongation @ 77°F	500% min
Flexibility @ 10°F	pass
Heat Resistance Penetration, 77°F, 100g, 5 sec	35 max
Recommended Application Temperature	350-475°F
Maximum Application Temperature	475°F
Maximum Kettle Temperature	500°F