



HEAVY DUTY PAVEMENT MEMBRANE LIST OF PHYSICAL PROPERTIES GUIDE SPECIFICATION

MEMBRANE:

The high strength pavement membrane shall incorporate two layers of high strength fabric embedded in self adhesive rubberized asphalt, and shall have the following properties:

TYPE OF TEST	PROPERTY	ASTM METHOD	SPECIFICATION
DIMENSIONS	Thickness	D 1777	.135 in.
LOW TEMPERATURE FLEXIBILITY	Cold Flex at 0°F	D 146 (Modified)	No Cracking
STRENGTH	Tensile Strength (Machine Direction)	D 412	2000 PSI
ELASTOMERIC BEHAVIOR	Elongation at Break of Fabric	D 412	> 10 %
PRODUCT INTEGRITY	Adhesion of Fabric to Compound	D 1000	15 lb./in. width
WEIGHT	Weight/ft ² of Membrane	D 1910	.8 lb/ft ²
RESISTANCE OF COMPOUND TO HIGH TEMPERATURES	Heat Stability @ 190°F	N A	pass
	Softening Point	D 36	220 ° F

PRIMER:

A surface primer or tack coat will be required. The type of material and rate of application will be in accordance with the manufacturer's recommendations.

X:/Lit/Highway/Heavy Duty Pavement Properties.doc R. 3-19-12