



Cold Flex SA Membrane

Product Overview



"Cold Flex™ SA Membrane is a high strength waterproofing and crack reduction membrane installed as a "peel and stick" material. Cold Flex™ SA has a top layer of high strength fabric, with a thick layer of rubberized asphalt adhesive sealant to provide stress relief and waterproofing. The stress relief layer is reinforced with a second layer of high strength fabric.

Cold Flex™ SA, applied to cracks or joints on existing pavement prior to installation of a new asphalt overlay, reduces the occurrence and severity of reflective cracking in the new overlay. Additionally, the membrane will act as an "umbrella" over cracks or joints, reducing moisture penetration of the existing pavement and subbase."



135 mil Heavy duty pavement membrane



2 layers high strength polymeric fabric reinforcement with polymer modified asphalt adhesive



Exceptional bond to pavement surface



Ease of installation: available in widths from 12" to 48"



Minimal disruption to traffic



Moisture barrier protection



Reduces structural deterioration



Extends pavement service life of overlay and bridge deck

Properties	ASTM Method	Typical Measurements
Thickness	D 1777	.135 in.
Weight/ft² of Membrane	N/A	.8 lbs
Density of mastic	E 12	70 lb/ft²
Brittleness at 77°F	D 517	Pass
Cold Flexibility at 0°F	D 146 (Modified)	No Cracking
Tensile Strength (machine direction)	D 412	1600 PSI
Puncture Resistance	E 154	600 lbs.
Elongation at Break of Fabric	D 412	>10%
Water Absorption of Mastic	D 517	<1%
Heat Stability @ 190°F	N/A	Pass
Mastic Softening Point	D 36	210°F

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