

Cold Flex Membrane

PRODUCT OVERVIEW

Polyguard "Cold Flex™ Membrane is a part of Polyguard's Highway family of products, and 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 of traffic
- Moisture barrier protection
- Reduces structural deterioration
- Extends pavement service life of overlay and bridge deck

Physical Properties	Test Method	Marv Value
Thickness	D 1777	0.135 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	D146 (Modified)	No cracking
Tensile Strength (machine direction)	D412	1600 PSI
Puncture Resistance	E 154	600 lbs.
Elongation at Break of Fabric	D 412	D412
Water Absorption of Mastic	D 517	>10%
Heat Stability @ 190°F	N/A	Pass
Mastic Softening Point	D 36	210°F

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