

Mirafi® Peel and Stick Membrane

Self-Adhering Waterproofing and Crack Relief Membrane

OUR COMPANY

TenCate develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

OUR PRODUCT

Mirafi® MTK peel and stick membrane is engineered with an impervious modified asphalt membrane specifically designed to self-adhere to the existing pavement structure. Mirafi® MTK paving membrane functions as a crack relief layer and moisture barrier on existing pavements in roadways, bridge decks, airport runways, and taxiways.

Mirafi® MTK peel and stick membrane adds durability and extends the life cycle of new asphalt overlays and the supporting pavement by reducing surface water penetration into the granular sub-layers. They also provide excellent stress relief (reflective crack reduction) for moderate to severe pavement cracks and joints.

The Difference Mirafi® MTK peel and stick membrane makes:

- Prevents surface moisture intrusion
- Minimizes reflective cracking by bridging transverse and longitudinal cracks
- Minimizes reflective cracking between dissimilar surfaces
- Stretches to span cracks without breaking
- Promotes interface re-healing to ensure long term performance
- Easy and inexpensive to install
- Reduces structural decay of pavement
- Reduces traffic disruption
- Sticks readily to concrete, asphalt or wood decks
- Can be installed in a wide range of temperatures

Mirafi® MTK peel and stick interlayer is a unique, cost-effective waterproofing and crack relief membrane comprised of a self-adhering, rubberized, asphalt mastic and a non-woven polypropylene geotextile fabric. A convenient peel-and-stick release paper covers the self-adhesive mastic, and is removed prior to installation.



Mirafi® MTK peel and stick membrane

OUR APPLICATIONS

Mirafi® MTK peel and stick membrane provides long term reinforcement and moisture protection that extends the life of pavements in the following applications:

- Transverse and longitudinal highway joints, seams & cracks
- Lane-widening joints
- Base repair, patch and pothole edge joints
- Cracked HMA or jointed PCC taxiways and runways
- Cracked or jointed bridge decks



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Mirafi® MTK Technical Data

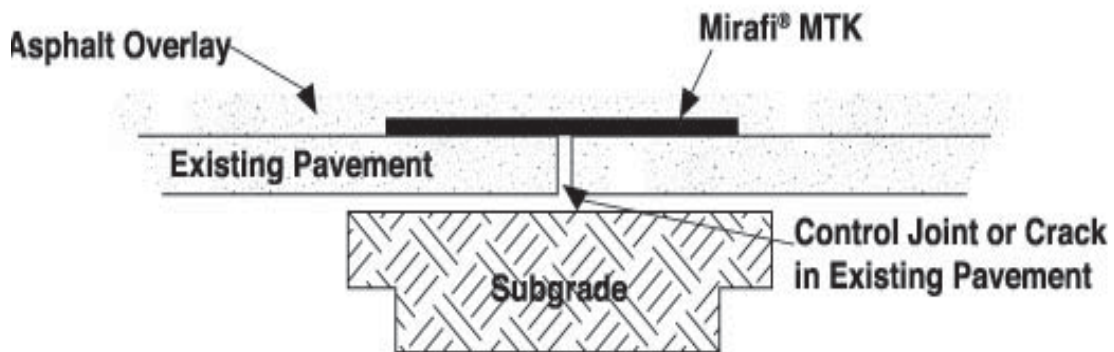
Property ¹	Test Method	Units	MARV
Grab tensile strength	ASTM D4632	lbs (N)	160 (712)
Grab tensile elongation	ASTM D4632	%	60
Puncture strength	ASTM E154	lbs (N)	200 (890)
Permeance	ASTM E96 method B	perms	0.05 max
Strip tensile	ASTM D882	lbs/in (kN/m)	50 (8.8)
Strip elongation	ASTM D882	%	25
Melting point	ASTM D276	F°(C°)	325 (163)
Pliability	ASTM D146 1/4" mandrel 180° @ -25°F	-	No cracks in fabric or rubberized asphalt
Thickness	ASTM D1777 ²	mils (mm)	65 (1.7)

¹Testing performed on composite

² 1/2" Presser Foot

Mirafi® MTK Packaging

Roll Dimensions	Packaging
12 in x 200 ft (.30 m x 61 m)	1 roll/box
18 in x 200 ft (.50 m x 61 m)	1 roll/box
24 in x 100 ft (.60 m x 30 m)	1 roll/box
36 in x 50 ft (.90 m x 15.2 m)	1 roll/box



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