

Iso-Flex® Moisture Seal

PRODUCT DESCRIPTION

Iso-Flex Moisture Seal is a non-reinforced, flexible, black EPDM membrane system with factory, prepunched holes on each side through which the system is positively attached to the substrate via Iso-Flex 910 Tack Coat.

FLEXIBLE SEALING ELEMENT

The Iso-Flex Moisture Seal is a 45-mil non reinforced Ethylene Propylene Diene Monomer (EPDM) based elastomeric homogenous membrane system typically used as a secondary seal under the Iso-Flex Winged Expansion Joint System. The membrane has factory punched holes along each side mirroring the hole pattern the in the Winged Joint Seal element.

ACCESSORIES/ADHESIVE

Each roll of material comes with enough Iso-Flex 910 Tack Coat and Iso-Flex #10 Primer necessary for installation.

PACKAGING

The Iso-Flex Bellows material comes in widths up to 50". Each roll is 125 ft long.

WARRANTY

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

EPDM SEAL		
Technical Data From Laboratory Tests		
(Field Properties May Vary)		
Property	Test Method	Test Results
Tensile Strength	ASTM D412	1550 psi min
Elongation @ break	ASTM D412	480% min
Weight lbm/ft ²	ASTM 2240	.216
Ozone Resistance Conditioned after exposure to 100 pphm Ozone in air for 168 hours @ 104°F. Speciman is at 50% strain.	ASTM D 1149	No Cracks
Brittleness Temp., Max, deg. F	ASTM D 746	-67
Resistance to Water Absorption – After 7 days immersion @ 158°F, change in mass max %	ASTM D 471	+ 2%

910 TACK COAT ADHESIVE TECHNICAL DATA		
Property	Test Method	Test Results
Tensile Strength	ASTM D412	1700 psi min.
Elongation @ Break	ASTM D412	150% min
Hardness (Shore A)	ASTM D2240	80-90 min.
Tear Strength	ASTM D624	200 lbs/In. min.
Bond to Concrete		400 psi min.
Pot Life once A & B are mixed		40-60 minutes
Ozone Resistance	ASTM D1149	No Cracks
U.V. Resistance	ASTM G53	Excellent