

Liquid Membrane 6090



A SIKA COMPANY

GENERAL DESCRIPTION

Liquid Membrane 6090 is a two-component (base material and activator), cold-applied, Difunctional Poly-Butadiene rubber available in both a horizontal and vertical grade. The cured membrane provides excellent resistance to moisture, ozone, ultra-violet light, extreme temperatures, salts, diluted acids and alkali solutions.

BASIC USE

Liquid Membrane 6090 is formulated for use as a flexible, continuous elastomeric waterproofing membrane available for both horizontal and vertical applications.

LIMITATIONS

- Liquid Membrane 6090 is not intended to be an exposed or traffic-bearing membrane.
- Liquid Membrane 6090 should not be installed over lightweight concrete without prior written approval from Hydrotech.
- Liquid Membrane 6090 may be applied to temperatures as low as 0°F however, for applications below 40°F contact Hydrotech.
- Use in well ventilated areas. When applying in limited ventilation, wear positive pressure, air-supplied NIOSH/MSMA approved respirator.



PACKAGING

Liquid Membrane 6090 is packaged in 5 gallon pails (base) with a 1 pint can (activator). One 5 gallon pail will cover approximately 120 square feet when spread evenly at a thickness of 60 mils.

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULT
COLOR		Black
TENSILE STRENGTH (psi)	ASTM D412	210
TENSILE STRENGTH (psi) @ 100 Modulus (psi)	ASTM D412	90
ELOGATION (%)	ASTM D412	490
TEAR STRENGTH (pli)	ASTM D624	100
HARDNESS (Shore 00)	ASTM D2240	80
VISCOSITY (poise)	BROOKFIELD Spindle TF, 20 rpm	500 (H) 1700 (V)
WATER VAPOR PERMEANCE (metric perms)	ASTM E96	0.54 X 10 ⁻³
SOLIDS CONTENT (%)		93
SHELF LIFE		Indefinite - unmixed
POT LIFE (@ 60-80°F)		30-40 min.
CURE TIME		Light traffic 12 hours Fully cured 7 days

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Ajax, ON
Extraction/Harvesting Location		70% Ajax, ON 30% Texas
VOC Content (g/L)		16

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