

Liquid Membrane 6090 Solventless



A SIKA COMPANY

GENERAL DESCRIPTION

Liquid Membrane 6090-S is a two-component (base material and activator) solventless, cold-applied, Difunctional Poly-Butadiene rubber. 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-S is formulated for use as a flexible, continuous elastomeric waterproofing membrane available in both a horizontal and vertical grade. Liquid Membrane 6090-S as a solventless material is specifically designed for applications where adequate ventilation may be a problem.

LIMITATIONS

- Liquid Membrane 6090-S is not intended to be an exposed or traffic-bearing membrane.
- Liquid Membrane 6090-S should not be installed over lightweight concrete without prior written approval from Hydrotech.
- Liquid Membrane 6090-S may be applied to temperatures as low as 0°F however, for applications below 40°F contact Hydrotech.

PACKAGING

Liquid Membrane 6090-S 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	79
TENSILE STRENGTH (psi) @ 100 Modulus (psi)	ASTM D412	28
ELOGATION (%)	ASTM D412	570 (H) / 300 (V)
TEAR STRENGTH (pli)	ASTM D624	23
HARDNESS (Shore 00)	ASTM D2240	60
VISCOSITY (poise)	BROOKFIELD Spindle TF, 20 rpm	500 (H) 1700 (V)
WATER VAPOR PERMEANCE (metric perms)	ASTM E96	0.54 X 10
SOLIDS CONTENT (%)		100
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)		0

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