

# Hydrotech® Liquid Membrane 6090

formerly known as Liquid Membrane 6090



BUILDING TRUST



## 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<br>Spindle TF, 20 rpm | 500 (H)<br>1700 (V)                          |
| WATER VAPOR PERMEANCE (metric perms)       | ASTM E96                         | 0.54 X 10 <sup>-3</sup>                      |
| SOLIDS CONTENT (%)                         |                                  | 93   |
| SHELF LIFE                                 |                                  | Indefinite - unmixed                         |
| POT LIFE (@ 60-80°F)                       |                                  | 30-40 min.                                   |
| CURE TIME                                  |                                  | Light traffic 12 hours<br>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<br>30% Texas |
| VOC Content (g/L)              |          | 16                        |

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