



LIQUID MEMBRANE 6090-FR[®]

COLD-APPLIED

REINFORCED

MEMBRANE ASSEMBLY

FOR HARD TO ACCESS

DECKS



OFFERING FLEXIBILITY

Whether hampered by the access of hard-to-reach balcony decks or by local code restrictions on the use of melters and propane torches, specifying and installing a hot-applied roofing membrane can be a challenge.

Long considered an industry innovator, American Hydrotech Inc. has the ability to meet that challenge.

Liquid Membrane 6090[®], a long-time complimentary product for MM 6125[®], American Hydrotech's premier hot, fluid-applied rubberized asphalt membrane for roofing and waterproofing applications, can be installed as a fully reinforced membrane, providing the specifier and contractor with the flexibility needed to meet challenging project conditions.

The Liquid Membrane 6090-FR assembly combines two coats of LM 6090, a two-component, difunctional, polybutadiene rubber, and Flex-Flash F spunbonded polyester reinforcing fabric, to form a cured, fully reinforced, elastomeric membrane.



Concordia Hotel (New York, NY)

SINGLE SOURCE WARRANTY

American Hydrotech offers the facility owner significant peace of mind by providing single-source responsibility for the complete roofing assembly. Liquid Membrane 6090-FR roof membrane assembly can be combined with Dow STYROFOAM[®] brand insulation and American Hydrotech's Terra Pavers[®], placing the burden of performance solely upon American Hydrotech. The American Hydrotech warranty includes:

- Watertightness of the membrane
- Thermal retention of the insulation
- Performance of the pavers
- Removal and replacement of the overburden (Pavers and stone ballast only)

B E N E F I T S

Monolithic – seamless and fully reinforced for added strength

Resistant – highly resistant to extreme temperatures, ozone, diluted acids, bacteria and fungi

Cure Assurance – properly prepared material does not rely on humidity and temperature for curing process

Code-ability – part of an Underwriter's Laboratories Class A assembly as well as accepted by New York City's M.E.A.

Toughness– adheres tenaciously to the substrate and does not become brittle over time or in low temperatures

VOC Compliant – both membrane and surface conditioner are VOC compliant

Dead-Level Applications – performs and fully warrantable in no-slope applications – not affected by long-term exposure to ponding water

E S S E N T I A L C O M P O N E N T S



Liquid Membrane 6090
A two-component, difunctional polybutadiene rubber. After mixing the activator with the base material and applying to a properly prepared substrate, the cold-applied liquid material cures to provide a continuous elastomeric membrane. 3 types available:

- LM6090H – for horizontal and applications
- LM6090V – for ease in detailing sloped and vertical surfaces
- LM6090S – solvent-less material for area of inadequate ventilation



Reinforcement / Flashing

Flex-Flash F: Spunbonded polyester fabric for use as standard reinforcing throughout membrane and details.

Flex-Flash UN: Uncured neoprene sheet rubber for use as exposed flashing at walls, curbs, penetrations, expansion joints as well as a heavy-duty reinforcement for the membrane and at drains.

Flex-Flash MB: Reinforced, modified bitumen sheet flashing for use as alternative exposed flashing at walls and curbs.

Separation / Protection

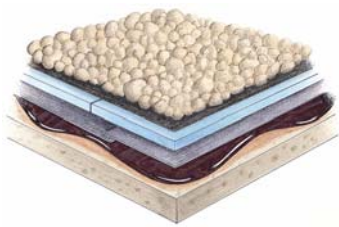
Hydroflex 10: Reinforced, 45 mil thick, modified bitumen sheet for use as separation and light-duty protection.

Hydroflex 30: Reinforced, 90 mil thick, modified bitumen sheet for use as medium-duty protection.

TRIED AND TESTED

Liquid Membrane 6090 has been in successful use as a roofing membrane for more than 10 years on projects like those listed below:

- Theater District Parking Structure (1987)
Chicago, IL
- Office Building (1989)
80-02 Kew Gardens Rd – New York, NY
- 222 Riverside Drive (1989)
New York, NY
- Concordia Hotel (1990)
New York, NY
- Metrotech/SIAC (1990)
Brooklyn, NY
- Carnegie Hall Towers (1991)
New York, NY
- Trump Palace (1991)
New York, NY
- Flushing World Tower (1991)
Flushing, NY
- Bank of East Asia (1992)
New York, NY
- Police and Court Complex (1993)
Newark, NJ
- Four Seasons Hotel (1993)
New York, NY
- Brooklyn Law School Library (1993)
Brooklyn, NY
- Queens West Development (1997)
Long Island, NY
- Courtyard by Marriott (1999)
New York, NY
- Cuyahoga County Courthouse (1999)
Cleveland, OH
- Colonial 200 (2002)
Lake Mary, FL



Typical PMR with stone ballast



Ultimate PMR with Architectural Pavers



Trump Palace (New York, NY)



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Please visit our website or call for information on Hydrotech's full line of high-performance construction products

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