



# LIQUID MEMBRANE 6090-FR<sup>®</sup>

**COLD-APPLIED**

**REINFORCED**

**MEMBRANE ASSEMBLY**

**FOR HARD TO ACCESS**

**DECKS**



# OFFERING FLEXIBILITY

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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<sup>®</sup>, a long-time complimentary product for MM 6125<sup>®</sup>, 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

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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<sup>®</sup> brand insulation and American Hydrotech's Terra Pavers<sup>®</sup>, 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 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**

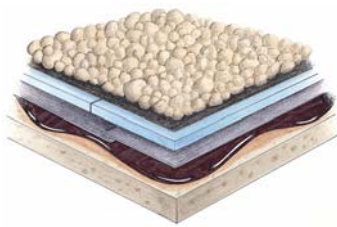
*Hydroflex 10:* Reinforced, 45 mil thick, modified bitumen sheet for use as separation and light-duty protection.

*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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