

Rehab/Renovation

Roofing and

plaza deck

waterproofing

rehabilitation

assemblies



*Department of Housing and Urban Development (HUD)
Washington, D.C.*



*Boatmen's Plaza
St. Louis, Missouri*



*Amoco Plaza
Chicago, Illinois*

New Life to Old Structures

FLAMINGO HILTON HOTEL
Laughlin, Nevada

Independent Roofing Consultants
83,000 SF

Contractor: Bryant Universal
System: Monolithic Membrane 6125,
Hydroflex 30, Granitex Terra-
Pavers-H

The existing roof/plaza, approximately 3 years old, consisting of a loose-laid EPDM system with a 3 1/2" concrete topping had failed. Hydrotech's MM6125 Ultimate Assembly was chosen to replace the existing products. The Ultimate Assembly was installed in an open-joint configuration and backed by a single-source warranty, which was considered important by the owner.

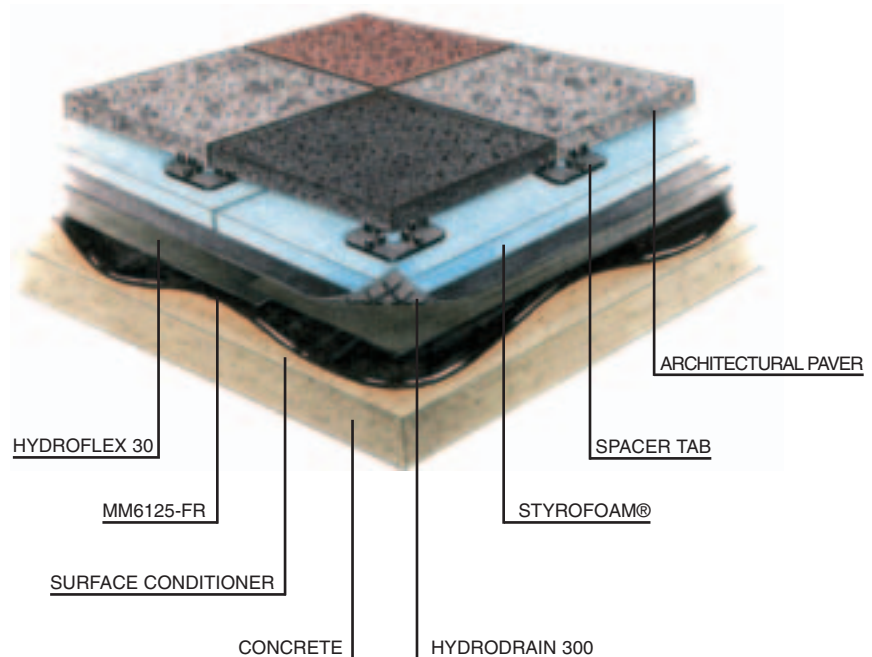
"RENOVATION\ren-e-va-shen\: to restore to a former better state;
to restore to life, vigor."

If you own a building whose roof and plaza decks are in need of major repair, you are not alone. Deteriorating topping materials, serious leaks and loss of insulating value are some of the problems facing many owners. These problems may be symptomatic of improper design, construction errors, inadequate material specifications or use of a product with an unknown track records... or membranes that have exceeded their "performance life."

Restoration of these projects requires an experienced team composed of an engineer/architect, consultant or contractor and materials supplier who have the proven ability to accomplish a successful restoration effort. Accurate determination of the scope of the problem and proper design of a new system at a reasonable cost are some of the key elements to be considered.

American Hydrotech, Inc. is your RENOVATION SPECIALIST. No one has more experience in supplying top performance materials in tough restoration applications and we have a wide variety of assemblies to meet your needs.

After ensuring the watertight integrity of the substrate with Monolithic Membrane 6125®, a variety of concepts can be considered to complete your deck. A drainage medium (Hydrodrain®) can be installed and insulation (STYROFOAM®) for thermal benefit is often required. Hydrotech's Architectural Pavers are the industry's most complete line of manufactured pavers and can be designed to complete your restoration projects. Whatever your design challenges are—Hydrotech can review your design and work with you to meet the needs of each particular project.



THE HYDROTECH ADVANTAGE

“ENDURANCE\en-door-ans\: the act, quality, or power of withstanding hardship or stress, duration.”

A. MONOLITHIC MEMBRANE 6125[®]-FR:
a seamless, fully adhered, fabric reinforced, monolithic rubberized asphalt waterproofing membrane installed at 215 mils thick.

B. MONOLITHIC MEMBRANE 6125 properties which make it ideal for renovation:

Flexible & thick enough to waterproof existing conditions:

- Rough concrete
- Spalled concrete
- Staining residue of existing membranes
- Difficult detailing requirements

Dead level substrate

- MM6125 can perform and withstand constant submersion in water.
- MM6125 has no minimum slope requirements.

Put a STOP to leaks

- MM6125 is fully bonded—a monolithic application to the substrate. There is no opportunity for lateral migration of water under the membrane.

NO COSTLY DELAYS—Job runs “on-time”

- MM6125 installs properly and quickly
- MM6125 is ideal for “phased” construction, as previously installed membrane joins together with new.
- MM6125 has few weather restrictions, installs down to 0°F.
- MM6125 has no cure time. It is 100% solids and remains flexible throughout the life of the project.

C. Hydrotech’s Approved Applicator Program. One of the only meaningful approval programs where applicators are selected for their integrity, financial strength and installation expertise.

D. Variety of topping surfaces. Whatever your project requirements are, Hydrotech’s MM6125 can accept a variety of topping surfaces:

- Grass/dirt/plantings
- Stone ballast
- Concrete slab
- Asphalt paving
- Architectural concrete pavers with custom site amenities

CONCRETE

HYDRODRAIN AL

STYROFOAM[®]

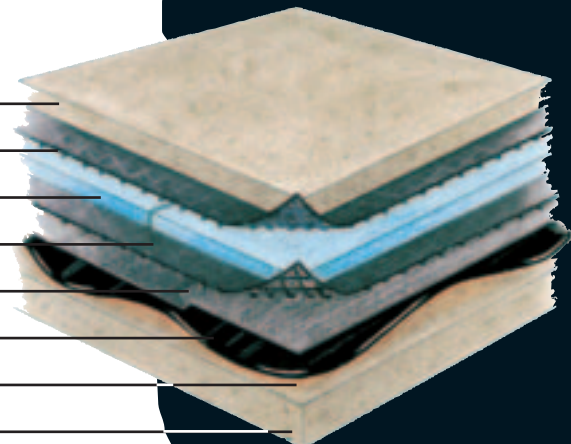
HYDRODRAIN 300

HYDROFLEX 10 OR 30

MM6125-FR

SURFACE CONDITIONER

CONCRETE



**FIRST WISCONSIN
(FIRSTSTAR Plaza)
Milwaukee, Wisconsin**

PLAZA:

*Wiss, Janey, Elstner Associates, Inc.
25,000 SF*

Contractor: Chenery Brothers

*System: MM6125-FR, Hydroflex 30, 2”
Dow STYROFOAM[®] HI-115, Hydrodrain
302, Granitex Terra Pavers-H and custom
precast stairs*

ROOF:

*Godfryt Associates, Ltd.
80,000 SF*

Contractor: Chenery Brothers

*System: MM6125-FR, Hydroflex 10,
Hydrodrain 302, 2” Dow STYROFOAM[®]
RM, stone ballast and pavers*

The plaza and roof had an original coal-tar pitch membrane which was removed. MM6125 was ideally suited to the dead level deck condition since it can perform in submerged applications. Also, a drainage course was added to provide an avenue for water to freely move to the drain.

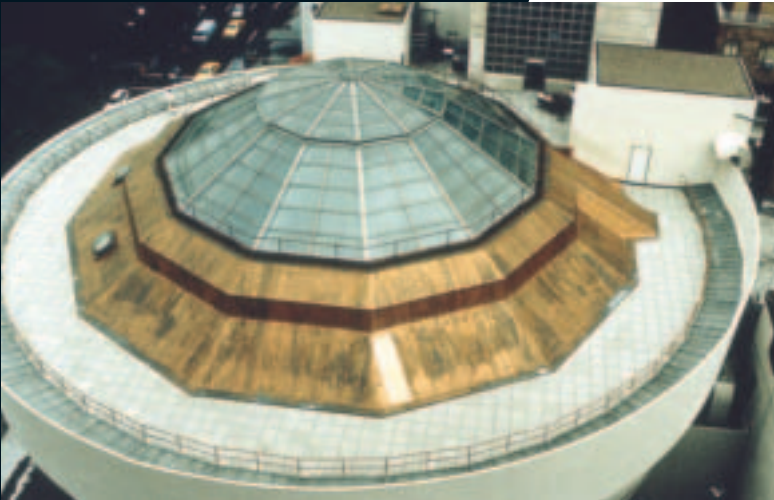
SOLOMON R. GUGGENHEIM MUSEUM

New York, New York

*Gwathmey, Siegel and Associates
30,000 SF (Roof and Plaza)*

Contractors: Wolkow-Braker, Three Brothers, Jobin

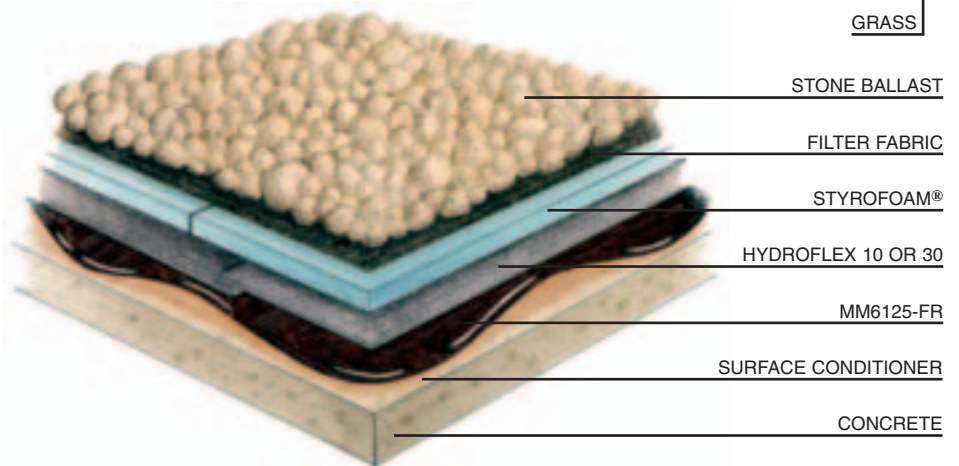
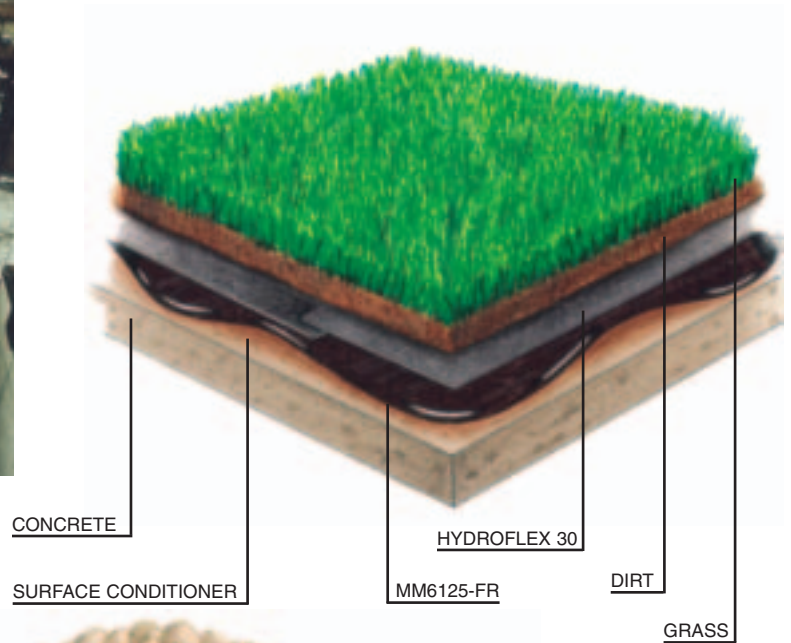
System: MM6125[®] IRMA, Ultimate Assembly[®], MM6125 Waterproofing



It's not every day that you are asked to protect a Museum whose structure is as priceless as the art on exhibit. But when the architects at Gwathmey Siegel took on the challenge of renovating the Frank Lloyd Wright original structure, as well as adding the new annex, they chose American Hydrotech's MM6125 for all three phases of the project. Products used: MM6125, Hydroflex 30, STYROFOAM[®] insulation, custom precast Terra Pavers-H—all backed with a single-source warranty.

AMERICAN HYDROTECH, INC. is your RENOVATION SPECIALIST. We are a firm with a strong financial history; our products have endured in the marketplace and have continued performing for over 30 years. We can offer a multitude of waterproofing and roofing assemblies to meet your needs with single-source responsibility. Refer to our MM6125[®] brochure and Ultimate Assembly[®] brochure for complete descriptions and details.

We look forward to working with you on your next renovation project. Please give us a call direct at 1-800-877-6125 or contact one of our nationwide representatives.



AMERICAN HYDROTECH, INC.

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