MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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NOTICE OF ACCEPTANCE (NOA)

American Hydrotech, Inc.
401 N. Michigan Ave, Ste 1550
Chicago, IL 60611

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: American Hydrotech Waterproofing

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA #24-0529.02 and consists of pages 1 through 16.
The submitted documentation was reviewed by Alex Tigera.

07/03/25

MIAMI-DADE COUNTY APPROVED

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Waterproofing
Deck Type:	Concrete
Material:	Hot Rubberized Asphalt
Maximum Design Pressure:	-237.5 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
MM 6125	Available in 50 or 500 lb. Drums	CGSB-37.50-M89	Single component, rubberized asphalt compound.
Surface Conditioner	5 gal or 55 gal	ASTM D41	Single component, asphalt modified solvent base primer for concrete surfaces.
Flex-Flash UN	60 mils thick 6", 12", 18", 36" x 50' & 100' rolls	Proprietary	Uncured neoprene flashing, for exposed applications.
Hydrocap 160	39.76” x 33.5’	ASTM D6162	Polyester reinforced, heavy duty, roll rubberized asphalt protection/cap sheet with a ceramic granular surface.
Hydroflex 30	39.76” x 33.5’	ASTM D6509	Fiberglass reinforced, rubberized asphalt protection course.
LM 6090	5 gal	Proprietary	A two component liquid membrane intended for use as a flashing material. May not be left exposed.
HydroSeal Flashing	2, 5, and 10kg pails	Proprietary	A two component, fast-curing, poly methyl-methacrylate (PMMA) resin

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

Product	Dimensions	Test Specification	Product Description	Manufacturer (With current NOA)
Reemay 2016	6", 12", 39" x 360' & 600' rolls	ASTM D5726	Spun-bonded polyester fabric reinforcement.	Fiberweb Inc.
STYROFOAM PLAZAMATE Insulation	Various Min. 60 psi	ASTM C578 Type VII	Extruded Polystyrene Insulation (XPS)	The Dow Chemical Company
STYROFOAM ROOFMATE Insulation	Various Min. 40 psi	ASTM C578 Type VI	Extruded Polystyrene Insulation (XPS)	The Dow Chemical Company
Loctite PL Adhesive	Tubes and 1, 5 and 55 gallons pails	ASTM C109 ASTM D897	Polyurethane Construction adhesive.	Henkel Corp.
Hanover Guardian Pedestals	Bases: $^{5}/_{8}$” ht. x 7½” diameter Top Plate: 6” x 6” Bolt: ¾” diameter	Proprietary	High Density Polyethylene pedestal base, top plate and bolt.	Hanover Architectural Products

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

Product	Dimensions	Test Specification	Product Description	Manufacturer (With current NOA)
Hanover Guardian Pavers	Min. 12” x 12” x 2” Min. 8500 psi		Pre-manufactured concrete pavers for use with Hanover Guardian Pedestals	Hanover Architectural Products
Plaza Paver	Min. 24” x 24” x 1¾” Min. 7500 psi		Pre-manufactured concrete pavers for use as overburden surfacing.	Generic
Concrete Tiles	Min. 12” x 12” x 1” Min. 3000 psi		Pre-manufactured concrete tiles for use as overburden surfacing.	Generic
Portland Cement	94 lb. Bags	ASTM C 220	Type I Portland Cement.	Generic

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Date
Intertek	3183070COQ-005	CAN/CGSB 37.50-M89	11/03/09
Factory Mutual Research	3003756	Class 4470	04/10/00
IRT of South Florida	IRT00-006 IRT00-005	TAS 114-D TAD 114-D	05/12/00 05/12/00
PRI Construction Materials Technologies LLC	MBT-008-02-02 AMHT-001-02-01 ALTG-007-02-01	ASTM D6162 ASTM D41 Physical Properties	06/03/13 11/13/12 06/16/16
Trinity | ERD	P20080.07.11-1	ASTM D6509	07/21/11
Fenestration Testing Laboratory	13-4519 13-4519	ASTM D897 ASTM C109	06/07/13 05/29/13
Architectural Testing, Inc.	C3807.01-109-18 B7304.01-106-18	TAS 114-D Physical Properties	07/01/21 06/18/14
UL LLC	TGFU.R9098	UL 790	07/14/10

APPROVED APPLICATIONS:

Deck Type 3 Concrete Decks, Roof Plaza Decks, Parking Decks

Deck Description: Min. 2500 psi, dual slab construction (roof plaza and parking decks)

System Types F(1): MM 6125, Reinforced or un-reinforced systems

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

The substrate shall be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints.

Concrete around drain shall be depressed to promote positive water drainage.

Membrane Flashing: All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane.

All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips

Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature.

Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.

Base Coat: MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 180 mil minimum thickness for non-reinforced systems, and 90 mil minimum for reinforced systems.

Reinforcement: **For reinforced systems**, embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets. No reinforcement required for un-reinforced systems.

Top Coat: **For reinforced systems**, apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick. No top coat required for un-reinforced systems.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydroflex 30 or other approved protection while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Surfacing: Structural Concrete Slab, minimum 2500 psi shall be designed to comply with applicable Building Code requirements.

Maximum Design Pressure: N/A

Deck Type 3	Concrete Decks, Roof Plaza Decks, Parking Decks
Deck Description:	Min. 2500 psi, dual slab construction (roof plaza and parking decks)
System Types F(2):	MM 6125, Reinforced or un-reinforced systems
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. The substrate shall be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints. Concrete around drain shall be depressed to promote positive water drainage.
Membrane Flashing:	All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane. All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature. Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.
Base Coat:	MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 180 mil minimum thickness for non-reinforced systems, and 90 mil minimum for reinforced systems.
Reinforcement:	**For reinforced systems**, embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets. No reinforcement required for un-reinforced systems.
Top Coat:	**For reinforced systems**, apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick. No top coat required for un-reinforced systems.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydroflex 30 or other approved protection while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Insulation: Loose laid over protection course a minimum 2" thick Dow STYROFOAM ROOFMATE Insulation minimum 40 psi compressive strength.

Surfacing: Structural Concrete Slab, minimum 2500 psi shall be designed to comply with applicable Building Code requirements.

Maximum Design Pressure: N/A

Deck Type 3 Concrete Decks, Roof Plaza Decks

Deck Description: 2500 psi, slab construction (roof plaza decks)

System Types F(3): MM 6125, Reinforced

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

The substrate shall be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints.

Concrete around drain shall be depressed to promote positive water drainage.

Membrane Flashing: All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane.

All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips

Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature.

Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.

Base Coat: MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 90 mil minimum thickness.

Reinforcement: Embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets.

Top Coat: Apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydroflex 30 while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Insulation: After integrity test apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the protection course and insulation shall be imbedded in membrane while it is still hot. Butt edges of insulation together. A minimum 2" thick Dow STYROFOAM ROOFMATE Insulation with minimum 40 psi compressive strength.

Surfacing: Pavers (24" x 24" x 1 ¾" pre-manufactured concrete pavers) adhered to top of insulation with four evenly spaced ½' wide beads of Loctite PL Adhesive running the length of pavers. Paver edger shall be butted together.

Maximum Design Pressure: -95 psf. (See General Limitation # 9)

Deck Type 3 Concrete Decks, Roof Plaza Decks

Deck Description: Min. 2500 psi slab construction (roof plaza decks)

System Types F(4): MM 6125, Reinforced

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

The substrate must be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints.

Concrete around drain shall be depressed to promote positive water drainage.

Membrane Flashing: All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane.

All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips

Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature.

Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.

Base Coat: MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 90 mil minimum thickness.

Reinforcement: Embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets.

Top Coat: Apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydrocap 160 on while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Surfacing: Concrete Tiles approved for exterior use (12” x 12” x 1” pre-manufactured concrete tiles) set on top of protection course with minimum 2” thick mortar bed. Mortar shall be a 3:1mix, three parts masonry sand to one part cement. Before setting tiles, dampen the back of each one and apply a slurry of mortar to ensure maximum contact with mortar bed. Tiles should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.

Maximum Design Pressure: -237.5 psf. (See General Limitation # 9)

Deck Type 3 Concrete Decks, Roof Plaza Decks

Deck Description: Min. 2500 psi slab construction (roof plaza decks)

System Types F(5): MM 6125, Reinforced

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

The substrate shall be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints.

Concrete around drain shall be depressed to promote positive water drainage.

Membrane Flashing: All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane.

All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips

Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature.

Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.

Base Coat: MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 90 mil minimum thickness.

Reinforcement: Embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets.

Top Coat: Apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydrocap 160 on while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Surfacing: Guardian Pedestal Base shall be placed at the intersection of all gridlines established for the layout of the concrete Hanover Guardian Pavers (having minimum dimensions of 12” x 12” x 2”) adhered to top of protection course with four evenly spaced ½’ wide beads of Loctite PL Adhesive running the length of the underside of the pedestal base.

Place the corners of 4 Guardian Pavers on each base maintaining tight joints and an overall tight paver array. Set Guardian Pedestal Top Plates into the recesses at the corners of the pavers and thread a Guardian Pedestal Bolt into each hole, tightening the Pedestal Bolt until just “snug”, joining the Pedestal Top Plate to the Pedestal Base. DO NOT OVERTIGHTEN the Pedestal Bolt.

Maximum Design Pressure: -100 psf. (See General Limitation # 9)

Deck Type 3 Concrete Decks, Roof Plaza Decks

Deck Description: Min. 2500 psi slab construction (roof plaza decks)

System Types F(5): MM 6125, Reinforced

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, from release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions.

The substrate shall be cleaned to remove loose debris. Apply the surface conditioner to the concrete using a hand held sprayer evenly at a rate of 300 to 600 SF/gallon (7.4 - 14.7 m^2/L) depending on surface texture. Surface conditioner should "tan" the surface, not blacken it. Allow sufficient time for the surface conditioner to thoroughly dry prior to the membrane application. A final check of the substrate must be made to determine that the substrate has been properly cleaned and a test patch of Monolithic Membrane 6125 shall be applied to the surface to check adhesion. Apply 6" wide strips of Flex-Flash UN or Reemay 2016 at the junction of all vertical and horizontal surfaces, changes in plane and expansion joints.

Concrete around drain shall be depressed to promote positive water drainage.

Membrane Flashing: All prepared cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be primed and flashed with MM 6125 Hot Applied Liquid Membrane prior to the application of the field membrane. Alternatively, and in accordance with manufacturer's current published guidelines and recommendations, all penetrations and junctures at horizontal/vertical changes in plane may be flashed with LM 6090 cold applied liquid membrane or all vertical penetrations may be flashed with HydroSeal membrane.

All cracks greater than $^1/_{16}$" wide shall be covered with Flex-Flash UN or Reemay 2016 reinforcement fabric in 6" minimum width strips

Expansion joints, Flex-Flash UN shall be installed in accordance with manufacturer's published literature.

Apply one sheet Flex-Flash UN extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.

Base Coat: MM 6125 Membrane shall be applied at a rate to provide a continuous, monolithic coat of 90 mil minimum thickness.

Reinforcement: Embed a layer of Reemay 2016 reinforcement fabric into the hot applied MM 6125 membrane while it is still hot. Overlap fabric reinforcing sheet 2 inches with membrane between sheets.

Top Coat: Apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the reinforcement sheets. Total membrane thickness for reinforced systems shall not be less than 215 mils thick.

Protection Course: The MM 6125 membrane shall receive a protection course of Hydroflex 30 while MM 6125 is still hot. Overlap adjoining sheet edges (dry) a minimum of 2-3" (50.8 mm - 76.2 mm), to insure complete coverage.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Insulation: After integrity test apply a continuous monolithic coat of MM 6125 membrane at a minimum thickness of 125 mil over the protection course and insulation shall be imbedded in membrane while it is still hot. Butt edges of insulation together. A minimum 1" thick Dow STYROFOAM PLAZAMATE Insulation with minimum 60 psi compressive strength.

Surfacing: Guardian Pedestal Base shall be placed at the intersection of all gridlines established for the layout of the concrete Hanover Guardian Pavers (having minimum dimensions of 12" x 12" x 2") adhered to top of insulation with four evenly spaced ½' wide beads of Loctite PL Adhesive running the length of the underside of the pedestal base.

Place the corners of 4 Guardian Pavers on each base maintaining tight joints and an overall tight paver array. Set Guardian Pedestal Top Plates into the recesses at the corners of the pavers and thread a Guardian Pedestal Bolt into each hole, tightening the Pedestal Bolt until just "snug", joining the Pedestal Top Plate to the Pedestal Base. DO NOT OVERTIGHTEN the Pedestal Bolt.

Maximum Design Pressure: -100 psf. (See General Limitation # 9)

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. All work shall be performed by a Contractor licensed to do roofing/waterproofing. Contractor shall be familiar with the details and shall be approved by American Hydrotech, Inc. American Hydrotech, Inc.; Hot Applied Liquid Membrane Systems shall be installed solely by approved applicators and only with installation and heating equipment approved by American Hydrotech, Inc.
5. Flashings shall be installed according to the manufacturer's published standard details and shall be submitted to the Building Official for review.
6. American Hydrotech, Inc., Hot Applied Liquid Membrane Systems shall not be exposed to the weather and shall be protected by a protection sheet or other approved protection method from traffic.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117 and/or RAS 137. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. American Hydrotech, Inc., Hot Applied Liquid Membrane Systems shall not be installed without consultation with American Hydrotech, Inc., if ambient or surface temperature is below 0°F. Do not apply to wet or frozen concrete surface.
11. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
12. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

MIAMI-DADE COUNTY APPROVED

13. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE