DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Henry A Carlisle Company
336 Cold Stream Road
Kimberton, PA 19442

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: Henry® 790-11 and 790-11EV Hot Applied Rubberized Asphalt Waterproofing System.

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 and revises NOA No. 24-0603.05 and consists of pages 1 through 16.
The submitted documentation was reviewed by Jorge L. Acebo.

09/04/25

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Material: Rubberized Asphalt
Maximum Design Pressure: -200 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
Henry® 790-11 Hot Applied Rubberized Asphalt	50 lbs. Box 500 lbs. Drum	CGSB-37.50-M89	Hot applied rubberized asphalt compound
Henry® 790-11 EV Hot Applied Rubberized Asphalt	50 lbs. Box 500 lbs. Drum	CGSB-37.50-M89	Hot applied rubberized asphalt compound
Henry® 910-01 Asphalt Primer	5, 55 gallon Pail	ASTM D41	Light bodied asphalt based material for priming surfaces.
Henry® modifiedPLUS® NP180gT4 Flashing Membrane	39 3/8" x 26.2', 32.8', 49.2' Roll	CGSB 37-GP-56M	Granule surfaced, exposed torch-applied SBS flashing membrane.
Henry® modifiedPLUS® NP180s/p Flashing Membrane	39 3/8" x 26.2', 32.8', 49.2' Roll	CGSB 37-GP-56M	Sand surfaced, non-exposed torch-applied SBS flashing membrane.
Henry® modifiedPLUS® NP180gM4 Flashing Membrane	39 3/8" x 26.2', 32.8', 49.2' Roll	CGSB 37-GP-56M	Granule surfaced, exposed mop- or cold-applied SBS flashing membrane.
Henry® modifiedPLUS® NP180s/s Flashing Membrane	39 3/8" x 26.2', 32.8', 49.2' Roll	CGSB 37-GP-56M	Sand surfaced, non-exposed mop- or cold-applied SBS flashing membrane.
Henry® modifiedPLUS® G100s/s Protection Sheet	39 3/8" x 26.2', 32.8', 49.2' Roll	ASTM D6163	Sand surfaced, non-exposed mop- or cold-applied SBS protection sheet.
Henry® 990-25 Elastomeric Flashing Sheet	6", 12", 18", 24", 36" x 75' Roll	Proprietary	Unreinforced flexible flashing membrane.
Henry® Neoflash Uncured Neoprene Flashing Sheet	6", 12", 18", 24", 36" x 100' Roll	Proprietary	Uncured neoprene flashing sheet.
Henry® Pumadeq™Liquid Applied Flashing System	2 gallon Pail	Proprietary	Two-part, rapid-curing, PUMA liquid-applied flashing membrane.
Henry® Polyester Fabric Reinforcement Sheet	12" x 600' Roll 36" x 600' Roll	Proprietary	Polyester spunbound reinforcement fabric.
Henry® Filter Fabric NO3/NO4	12.5' x 360' Roll 12.5' x 400' Roll	Proprietary	Non-woven geotextile filter fabric.
Henry® ROOTBLOC™ Root Barrier	12' x 200' Roll	Proprietary	Polyethylene composite geo-membrane barrier against root penetration.
Henry® MiraDRAIN	36" x 100' Roll 48" x 50' Roll	Proprietary	Two-part prefabricated geo-composite drain board.
Henry® 925 BES Sealant	10.3 oz. Cartridge 20 oz. Sausage	ASTM C719	One-part, low VOC, moisture cure sealant.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

Product	Dimensions	Test Specifications	Product Description	Manufacturer (With Current NOA)
Insulfoam EPS	4’ x 4’ 4’ x 8’	ASTM C578 Min. 40 psi compressive strength	An engineered insulation consisting of a superior closed-cell, lightweight and resilient expanded polystyrene (EPS).	Insulfoam, a. div of Carlisle Construction Materials, LLC
Foamular 600 XPS	2’ x 8’	ASTM C578 Min. 40 psi compressive strength	High strength extruded polystyrene (XPS) insulation.	Owens Corning
Concrete Pavers	12" x 12" 1-1/2” thick		Pre-manufactured concrete pavers for use as overburden surfacing.	Generic
Type S Mortar	Various	ASTM C270	Type S Mortar for adhering pavers to waterproofing system.	Generic

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
UL LLC	R12316	UL 790	08/21/25
	ER8811-01	UL 723/ASTM C578	05/01/15
PRI Construction Materials Technologies, LLC	HGC-213-02-01.1	TAS 114 App D	06/21/18
	HGC-231-02-01	CGSB-37.50-M89	05/10/16
	HGC-235-02-01	Physical Properties	09/08/15
	HGC-229-02-01	Physical Properties	09/08/15
	HGC-230-02-01	Physical Properties	09/15/15
	HGC-239-02-01	Physical Properties	12/02/15
	HGC-279-02-01	CGSB-37.50-M89	03/30/17
	HGC-226-02-02	Physical Properties	09/09/15
	HGC-340-02-03	ASTM D6163	07/02/19
	447T0154	CGSB-37.50-M89	04/26/24
	447T0157	ASTM C719	05/16/24
	447T0158	Physical Properties	04/23/24
	447T1059	Physical Properties	04/12/24
	447T0160	Physical Properties	05/01/24
	447T1064	ASTM D6163	10/18/24
	447T0092	ASTM D41	09/11/23
	447T0101	ASTM D41	09/11/23

APPROVED ASSEMBLIES

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi concrete

System Type A: HENRY 790-11 or 790-11EV, Reinforced system, with Concrete Pavers

Surface Condition: Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured are strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry A Carlisle Company's current published recommendations.

The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry A Carlisle Company's current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings.

Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.

Priming: Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.

Flashing: All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™ System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.

Base Coat: Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils according to the manufacturer's current published application instructions.

Reinforcement: Embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions.

Top Coat: Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils.

Protection course:	Apply Henry® modifiedPLUS® G100s/s over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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:	Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 60 mils over the protection course according to the manufacturer's current published application instructions. Embed approved Insulfoam EPS insulation (minimum 40 psi compressive strength) into the warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane.
Surfacing:	Pavers (minimum 12" x 12" x 1-1/2" thick concrete pavers) shall be adhered in a minimum 1" thick bed of ASTM C270 Type S mortar.
Maximum Design Pressure:	-200 psf. (See General Limitation # 9)

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	Min. 2500 psi, dual slab construction (roof plaza and parking decks)
System Type F(1):	HENRY 790-11 or 790-11EV, Reinforced or unreinforced systems
Surface Condition:	Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured are strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry A Carlisle Company's current published recommendations. The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry A Carlisle Company's current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate. All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings. Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.
Priming:	Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.
Flashing:	All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™ System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.
Base Coat:	Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils for reinforced system, or at a minimum thickness of 180 mils for unreinforced system, according to the manufacturer's current published application instructions.
Reinforcement:	For reinforced system, embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions. No reinforcement required for unreinforced system.
Top Coat:	For reinforced system, apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils. No top coat required for unreinforced system.

Protection course:	Apply Henry® modifiedPLUS® G100s/s, Henry® MiraDRAIN or other approved protection course over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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.
Filter Fabric:	(Optional) Apply Henry® Filter Fabric NO3/NO4 according to the manufacturer's current published application instructions..
Surfacing:	Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements.
Maximum Design Pressure:	N/A

Deck Type 3I: Concrete Decks, Non-Insulated

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

System Type F(2): HENRY 790-11 or 790-11EV, Reinforced or unreinforced systems

Surface Condition: Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured a strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry A Carlisle Company's current published recommendations.

The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry A Carlisle Company's current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings.

Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.

Priming: Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.

Flashing: All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™ System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.

Base Coat: Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils for reinforced system, or at a minimum thickness of 180 mils for unreinforced system, according to the manufacturer's current published application instructions.

Reinforcement: For reinforced system, embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions. No reinforcement required for unreinforced system.

Top Coat: For reinforced system, apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils. No top coat required for unreinforced system.

Protection course:	(Optional) Apply Henry® modifiedPLUS® G100s/s, Henry® MiraDRAIN or other approved protection course over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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:	Apply loose-laid approved Insulfoam EPS or Foamular 600 XPS insulation (minimum 40 psi compressive strength).
Filter Fabric:	(Optional) Apply Henry® Filter Fabric NO3/NO4 according to the manufacturer's current published application instructions.
Surfacing:	Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements.
Maximum Design Pressure:	N/A

Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	Min. 2500 psi concrete
System Type F(3):	HENRY 790-11 or 790-11EV, Reinforced system, with Concrete Pavers
Surface Condition:	Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured are strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry A Carlisle Company's current published recommendations. The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry A Carlisle Company's current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate. All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings. Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.
Priming:	Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.
Flashing:	All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™ System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.
Base Coat:	Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils according to the manufacturer's current published application instructions.
Reinforcement:	Embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions.
Top Coat:	Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils.

Protection course:	Apply Henry® modifiedPLUS® G100s/s over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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:	Pavers (minimum 12" x 12" x 1-1/2" thick concrete pavers) shall be adhered in a minimum 1" thick bed of ASTM C270 Type S mortar.
Maximum Design Pressure:	-187.5 psf. (See General Limitation # 9)

Deck Type 3: Concrete Decks, Insulated

Deck Description: Roof Plaza Decks, Planters

System Type F(4): HENRY 790-11 or 790-11EV, Reinforced or unreinforced systems

Surface Condition: Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured are strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry Company, LLC. current published recommendations.

The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry Company, LLC. current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings.

Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.

Priming: Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.

Flashing: All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™ System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.

Base Coat: Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils for reinforced system, or at a minimum thickness of 180 mils for unreinforced system, according to the manufacturer's current published application instructions.

Reinforcement: For reinforced system, embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions. No reinforcement required for unreinforced system.

Top Coat:	For reinforced system, apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils. No top coat required for unreinforced system.
Protection course:	(Optional) Apply Henry® modifiedPLUS® G100s/s or other approved protection course over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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.
Root Barrier:	Apply Henry® ROOTBLOC™ Root Barrier according to the manufacturer's current published application instructions.
Drainage Board:	(Optional) Apply Henry® MiraDRAIN according to the manufacturer's current published application instructions.
Insulation:	Apply loose-laid approved Insulfoam EPS or Foamular 600 XPS insulation (minimum 40 psi compressive strength).
Primary Surfacing:	Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements.
Drainage Board:	Apply Henry® MiraDRAIN according to the manufacturer's current published application instructions.
Filter Fabric:	(Optional) Apply Henry® Filter Fabric NO3/NO4 according to the manufacturer's current published application instructions.
Secondary Surfacing:	Soil medium, minimum 24-inch deep shall be designed to comply with applicable Florida Building Code requirements.
Maximum Design Pressure:	N/A

Deck Type 3: Concrete Decks, Non-Insulated

Deck Description: Roof Plaza Decks, Planters

System Type F(5): HENRY 790-11 or 790-11EV, Reinforced or unreinforced systems

Surface Condition: Acceptable substrates include cast-in-place concrete/composite deck, precast concrete, lightweight structural concrete, and sheathing over steel deck. Lightweight insulating concrete is not an acceptable substrate. Metal pan decks into which concrete is poured are strongly recommended to be venting type. All substrates shall be reviewed and determined to be in accordance with Henry Company, LLC. current published recommendations.

The waterproofing contractor shall examine and determine that surfaces and conditions are ready to accept the work according to Henry Company, LLC. current published application instructions. Commencement of the work or any parts thereof shall mean installer acceptance of the substrate.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove spalling concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings.

Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.

Priming: Apply Henry® 910-01 Asphalt Primer according to the manufacturer's current published application instructions. Allow to dry prior to the application of the flashings or primary waterproofing membrane.

Flashing: All prepared cracks, expansion joints, concrete panel joints, horizontal-to-vertical junctures, penetrations, and drains shall be flashed with Henry® Pumadeq™System, Henry® modifiedPLUS® NP180gT4, Henry® modifiedPLUS® NP180s/p, Henry® modifiedPLUS® NP180gM4, Henry® modifiedPLUS® NP180s/s, Henry® modifiedPLUS® G100s/s, Henry® 990-25, Henry® Neoflash Uncured Neoprene Flashing Sheet, or Henry® Polyester Fabric according to the manufacturer's current published application instructions prior to the application of the primary waterproofing assembly.

Base Coat: Apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 90 mils for reinforced system, or at a minimum thickness of 180 mils for unreinforced system, according to the manufacturer's current published application instructions.

Reinforcement: For reinforced system, embed Henry® Polyester Fabric reinforcing sheet in warm and tacky Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane base coat according to the manufacturer's current published application instructions. No reinforcement required for unreinforced system.

Top Coat:	For reinforced system, apply Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane at a minimum thickness of 125 mils over the reinforcing sheet according to the manufacturer's current published application instructions. Total membrane thickness for reinforced system shall not be less than 215 mils. No top coat required for unreinforced system.
Protection course:	Apply Henry® modifiedPLUS® G100s/s, asphaltic rigid protection board over Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane top coat according to the manufacturer's current published application instructions.
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.
Primary Surfacing:	Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements.
Root Barrier:	Apply Henry® ROOTBLOC™ Root Barrier according to the manufacturer's current published application instructions.
Drainage Board:	Apply Henry® MiraDRAIN according to the manufacturer's current published application instructions.
Filter Fabric:	(Optional) Apply Henry® Filter Fabric NO3/NO4 according to the manufacturer's current published application instructions.
Secondary Surfacing:	Soil medium, minimum 24-inch deep shall be designed to comply with applicable Florida Building Code requirements.
Maximum Design Pressure:	N/A

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. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Henry A Carlisle Company and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be a Manufacturer Trained 'Qualified Applicator' approved by Henry A Carlisle Company. Henry A Carlisle Company shall supply a list of approved applicators to the authority having jurisdiction.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
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. Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane systems shall not be installed over lightweight insulating concrete.
11. Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane shall not be exposed to the weather and shall be protected by a protection sheet or other approved protection method from traffic.
12. Henry® 790-11 or Henry® 790-11EV hot rubberized asphalt membrane systems shall not be installed on wet or damp decks without consultation with Henry A Carlisle Company.
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