

TRANSMITTAL



THE CHS GROUP
11 LINCOLN AVENUE
KEARNY, NJ 07032
800.357.7474 / FAX 800.357.9577
WWW.THECHSGROUP.US

DATE: 2/14/2025
DISTRIBUTED TO: Raul Martin (NYC DCAS)
Jesus Coombs (NYC DCAS)
Ruben Herranz-Rodriguez (NYC DCAS)
Reimy Tejada (NYC DCAS)

CC: FRED DIMINO (CHS)

Project: 198 E 161st Street Roof
CHS Project # N241003
RE: Roofing Assembly

Submittal #	Description
075100-01R1	Soprema Roofing Assembly Revised

VIA:

☐ OVERNIGHT MAIL

☐ STANDARD MAIL

☐ HAND DELIVERED

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FOR YOUR:

☐ RECORDS

☐ USE / INFORMATION

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☐ REVIEW / COMMENT

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TRANSMITTING:

☒ CUT SHEETS/PRODUCT DATA

☐ SAMPLES

☐ SHOP DRAWINGS

☐ OTHER

SIGNED: Jack Albertson

COMMENTS:



February 14, 2025

Mr. Sylwester Kaczynski
Sienia Construction, Inc.
52-15 65th Place Unit 6E
Maspeth, NY 11378

Re: Notice of Intent to Warrant (NOITW)
Concourse Plaza Emergency Roof Replacement & Repairs
New York City Department of Citywide Administrative Services
198 East 161st Street
Bronx, NY 10451

Dear Mr. Kaczynski.

This letter describes materials and assemblies proposed for the subject project as they have been presented to SOPREMA. Please let us know if you believe any of the information indicated below is inaccurate or incomplete so that we may make necessary revisions.

SOPREMA warranty:

- Upon satisfactory project completion, the proposed roofing qualifies for the SOPREMA 20-year Platinum NDL Roof Warranty Form 101.
- Upon satisfactory project completion, the proposed waterproofing qualifies for the SOPREMA 20-year Platinum NDL Waterproofing Warranty Form WP101.
 - The additional SOPREMA Supplemental Provisions Rider(s) will be provided upon satisfactory completion:
 - System Warranty Rider.
 - Overburden Removal Warranty Rider.

SOPREMA authorized contractor status:

Sienia Construction, Inc., (NY0059) is authorized to install the proposed SOPREMA SBS roofing and obtain the SOPREMA warranty indicated herein.

Proposed SBS roofing over concrete deck:

- Structural deck: Concrete.
- Vapor retarder: One ply of ELASTOPHENE SP 2.2 heat welded to the deck primed with ELASTOCOL 500 Primer.
- Insulation: One or more layers of, 4x4 ft SOPRA-ISO, polyisocyanurate insulation adhered using DUOTACK 365 applied in continuous ribbons.

Insulation attachment:

- Roof Zones 1, 2 and 3: Refer to SOPREMA Drawing US.FP.15.01 enclosed.
- Cover board: 1/2 in 4x4 ft GP-GYPSUM DENSDECK® PRIME ROOF BOARD adhered using DUOTACK 365 applied in continuous ribbons.

Cover board attachment



- Roof Zones 1, 2 and 3: Refer to SOPREMA Drawing US.FP.15.01 enclosed.
- SBS modified bitumen base ply: One ply of SOPRALENE® FLAM 180 heat welded.
- SBS modified bitumen cap sheet: SOPRALENE FLAM 180 FR GR (SG) heat welded.
- ALSAN RS liquid-applied flashing: Apply ALSAN RS 276 Primer to the prepared substrates. Apply catalyzed resin base coat of ALSAN RS 260 LO FLASH, then apply ALSAN RS FLEECE reinforcement and the catalyzed resin topcoat of ALSAN RS 260 LO FLASH to fully encapsulate the reinforcement.

Proposed protected membrane polymethacrylate (PMA) waterproofing over concrete deck:

- Structural deck: Concrete.
- Primer: Apply ELASTOCOL™ 350 Primer to the deck.
- Vapor retarder: One ply of SOPRALENE 180 SP 3.0 or COLPHENE® 180 SP heat welded to the primed deck.
- ALSAN RS liquid-applied field: Ensure all gaps and joints are filled or provide a solid surface to apply the liquid resin. Apply the catalyzed resin base coat of ALSAN® RS 260 LO FIELD, then apply ALSAN RS FLEECE reinforcement and the catalyzed resin topcoat of ALSAN RS 260 LO FIELD to fully encapsulate the reinforcement.
- Flashing primer: Apply ALSAN RS 276 Primer to the prepared horizontal and vertical substrates. Refer to SOPREMA RS GUIDE for preparation information.
- ALSAN RS liquid-applied flashing: Apply the catalyzed resin base coat of ALSAN® RS 260 LO FLASH, then apply ALSAN RS FLEECE reinforcement and the catalyzed resin topcoat of ALSAN RS 260 LO FLASH to fully encapsulate the reinforcement.
- Drainage mat: Install SOPRADRAIN ECO-VENT DRAINAGE MAT.
- Insulation: Install SOPRA-XPS 60-psi extruded polystyrene insulation.
- Filter fabric: Install SOPRANATURE FILTER FABRIC.
- Overburden: Install the specified pedestals and pavers.

Fire Classification:

The SBS roofing listed meets UL 790, Class A (max incline 1-1/2 in). Refer to UL TGFU.R11436, Class A, Fully Adhered, Listing 138 for review and acceptance.

CRRC Ratings:

The membrane is rated by the COOL ROOF RATINGS COUNCIL® (CRRC). Refer to CRRC Product ID 0772-0049d:

Solar reflectance:	Initial: 0.69	3-year: 0.63
Thermal emittance:	Initial: 0.91	3-year: 0.90
Solar Reflective Index:	Initial: 85	3-year: 76

Additional items:

The components and attachment requirements proposed by SOPREMA include the minimum requirements necessary to offer the proposed warranty. SOPREMA products and products sold by SOPREMA are included in the proposed SOPREMA warranty. Non-SOPREMA products and materials not sold by SOPREMA are excluded from SOPREMA warranty coverage. Please refer to SOPREMA US published documentation, Product Data Sheets, Safety Data Sheets, details, agency approvals and other applicable references.



Please contact Jakub Roginski at 347.554.0261 if additional support is needed for this project.

Sincerely,

RICHARD HOGSHEAD

Richard Hogshead
Technical Support Coordinator
Mobile: 330.241.7744
Office: 334.334.0066 ext. 2276
rhogshead@soprema.us

CC: SOPREMA sales and technical staffs
Enc. US.FP.15.01



Hanover[®] Prest[®] Pavers for Roofs & Waterproofed Decks

Hanover[®] Prest[®] Pavers, high density pressed concrete units, are manufactured to 1/8" tolerances and produced by subjecting the concrete mix to a minimum pressure of 1,000 pounds per square inch over the entire surface area. This results in a product with the density and strength of natural stone.

Hanover[®] Prest[®] Pavers provide durability and protection for the roof or waterproofed deck system from harsh weather conditions. Hanover[®] Pavers make roofs and decks safer for pedestrians and simplify repairs. Hanover[®] Support Pedestals, together with Hanover[®] Pavers, provide effective drainage between the pavers and the system below. Hanover[®] Support Pedestals make roof and deck plazas serviceable, functional and attractive.

Dimensionally Compatible Prest [®] Paver Sizes		1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	3"	4"
297mm x 297mm	11 3/4" x 11 3/4"		X	X	X	X	X	X	
297mm x 447mm	11 3/4" x 17 5/8"		X	X	X	X	X	X	
297mm x 597mm	11 3/4" x 23 1/2"		X	X	X	X	X	X	
297mm x 897mm	11 3/4" x 35 3/8"		X		X	X	X	X	
297mm x 1197mm	11 3/4" x 47 1/8"*						X	X	
447mm x 447mm	17 5/8" x 17 5/8"		X	X	X	X	X	X	X
447mm x 597mm	17 5/8" x 23 1/2"		X	X	X	X	X	X	
447mm x 897mm	17 5/8" x 35 3/8"		X		X	X	X	X	
597mm x 597mm	23 1/2" x 23 1/2"		X	X	X	X	X	X	X
597mm x 897mm	23 1/2" x 35 3/8"			X	X	X	X	X	
597mm x 1197mm	23 1/2" x 47 1/8"*						X	X	
897mm x 897mm	35 3/8" x 35 3/8"*						X	X	
Additional Prest [®] Paver Sizes		1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	3"	4"
302mm x 302mm	11 7/8" x 11 7/8"		X		X	X	X	X	
303mm x 303mm	11 15/16" x 11 15/16"		X		X	X	X	X	
378mm x 378mm	14 7/8" x 14 7/8"		X		X	X	X	X	
403mm x 403mm	15 7/8" x 15 7/8"		X		X	X	X	X	
454mm x 454mm	17 7/8" x 17 7/8"		X		X	X	X	X	
597mm x 747mm	23 1/2" x 29 1/2"				X	X	X	X	
606mm x 606mm	23 7/8" x 23 7/8"		X		X	X	X	X	
606mm x 911mm	23 7/8" x 35 7/8"		X		X	X	X	X	
610mm x 610mm	24" x 24"		X		X	X	X	X	
610mm x 914mm	24" x 36"		X		X	X	X	X	
759mm x 759mm	29 7/8" x 29 7/8"				X				
908mm x 908mm	35 3/4" x 35 3/4"*						X	X	
911mm x 911mm	35 7/8" x 35 7/8"*						X		
Hexagonal, 402mm across flats	Hexagonal, 15 7/8" across flats				X	X	X	X	
Hexagonal, 597mm across flats	Hexagonal, 23 1/2" across flats				X	X	X	X	
Octagonal, 402mm across flats	Octagonal, 15 7/8" across flats				X	X	X	X	

 = Standard Thickness  = SlateFace[®] Paver Thickness (22 lbs/sf)

Please Note: Paver weight at a 2" thickness is 25 lbs/sf.

*Note increased thickness and weight for these paver sizes.

Hanover[®] Prest[®] Pavers for Roofs & Waterproofed Decks (continued)

RELATIVE STRENGTHS: (at 2" thickness)

Compressive: 8,500 psi at 28 days

Density: 155 lbs/cu. ft.

Flexural: 1,100 psi

Finish: Tudor[®]

Absorption: less than 5%

Weight: 25 lbs/sf

The test results displayed are taken from samples of Hanover's Prest[®] Pavers with a standard mix design. Hanover[®] Prest[®] Pavers, high density, hydraulically pressed concrete units, are manufactured to 1/8" tolerances and produced by subjecting the concrete mix to a minimum pressure of 1,000 pounds per square inch over the entire surface area. This results in a product with the density and strength of natural stone.

Pedestal[®] Paver

This patented paver incorporates the idea of an elevated paver drainage system with the use of an integral footed, concrete paver of the highest quality. An elevated clearance of 1/2" allows effective drainage.

Actual Size: 23 1/2" x 23 1/2" x 2 1/4"

Color: Natural

Metric Size: 597mm x 597mm x 57mm

Finish: Tudor[®]

Weight: 22 lbs/sf

Standard Colors:

Limestone Gray, Quarry Red, Cream, Tan, Brown, Red 15, Charcoal, and Natural

Custom color and aggregate blending is available on special order and when quantity ordered permits.

RE: [EXTERNAL] 198 E 161st Street Roof Replacement - Request to Schedule Mee...



Aislinn VonSas <avonsas@hanoverpav

To Anh Nguyen

Cc Michael Stripunsky; Brandon D. Davis



Wed 4:39 PM



Follow up. Start by Wednesday, May 28, 2025. Due by Wednesday, May 28, 2025.

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Caution: This email originated from outside of Superstructures. Please review the sender's email address and contents of the email to confirm it is legitimate. Do not click on any links or open any attachments unless you are sure. When in doubt, contact your IT Support team.

Good afternoon, Anh! Attached is the data sheet for prest pavers.

A 1-1/2" paver weighs 18.75 pounds per square foot.

A 1-1/4" paver weighs 15.63 pounds per square foot.

Other than the change in thickness and weight, all other parts of your current specification would stay the same. Thank you!

Kind Regards,
Aislinn

HANOVER
Architectural Products

Aislinn VonSas | Technical Sales Director
Northeast Region

avonsas@hanoverpavers.com

800.426.4242 Ext.1212

717.465.8454

Hanover Architectural Products
5000 Hanover Rd, Hanover, PA 17331



HanoverPavers.com HanoverPaversAtHome.com