



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Storm Armour Solution, LLC

301 W. 41 ST, STE 300

Miami Beach, FL 33140

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.

DESCRIPTION: Series "Storm Armour" Water Intrusion Protection System-Component Approval-Non-Impact

APPROVAL DOCUMENT: Drawing No. 24-35D Rev B, titled "Storm Armour Water Intrusion Protection System", sheets 1 through 8 of 8 dated OCT 07, 2025, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

Limitations: 1. This component approval is to be exclusively used as part of E.S. Windows, LLC, current or succeeding listed NOA(s) in table A on sheet 1 of the DWGs.

2. This component helps in supplementing the water intrusion in the already approved NOA(s) water ratings of the listed referenced ES Windows Sliding Glass Doors.

3. These components do not increase the design pressure, the structural performance, nor existing approved positive water ratings and the maximum panels of the approved NOA(s). Applicable Minimum Thresholds/Sill Riser to be used per Table A per model's and with maximum six (6) panels limitations.

4. These components must not be left exposed to direct sunlight for more than 30 days.

5. Storm Armour water protection system shall be installed per attachments as shown in sheets 4 through 8 of this NOA's drawing and additionally per manufacturer installation instructions.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



10/24/25

NOA No. 25-0224.05

Expiration Date: November 06, 2030

Approval Date: November 06, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No. **24-35D Rev B**, titled "Storm Armour Water Intrusion Protection System", sheets 1 through 8 of 8 dated OCT 07, 2025, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

- B. TESTS** Test reports on:
- 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Water penetration, using dynamic pressure, AAMA 501.1
 - 5) Water penetration, using cyclic static air pressure difference, ASTM E-1105

Along with marked-up drawings and installation diagram of ES series 6000/6100 Sliding Glass Door (SGD), prepared by QAI laboratories, Test Report No. **MED-2049aR2**, dated 08/21/25, signed and sealed by Idalmis Ortega, P.E.; and (group A tests)

Marked-up drawings and installation diagram of ES series EL 400 SGD, prepared by QAI laboratories, Test Report No. **MED-2060aR**, dated 05/14/25, signed and sealed by Idalmis Ortega, P.E.; and

Marked-up drawings and installation diagram of ES-EL 400 SGD, prepared by IFET, Inc., Test Report No. **TR-IFET-24-0030 R1**, dated 10/02/25, signed and sealed by Arshad Viqar, P.E.; and

Marked-up drawings and installation diagram of ES series 6600 SGD, prepared by QAI laboratories, Test Report No. **MED-2051aR-2**, dated 05/05/25, signed and sealed by Idalmis Ortega, P.E. (Grp B test for reference only)

Note: Addendum letter dated 10/03/25 issued by QAI lab referenced to MED-2049a, MED 2051a & MED-20260a, signed & sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Test report # **HETI-25-F278** dated June 05, 2025, prepared by Hurricane Engineering & Testing Inc., issued to Storm Armour for smoke density per ASTM-D 2843, rate of burning per ASTM D 635, self-ignition per ASTM-D 1929 for flexible PVC, signed by Syed Ali, PhD and Dr. Ram Tewari, PhD, P.E.
2. Test report # **HETI-25-F292** dated June 05, 2025, prepared by Hurricane Engineering & Testing Inc., issued to Storm Armour for smoke density per ASTM-D 2843, rate of burning per ASTM D 635, self-ignition per ASTM-D 1929 for bulb & flap seal (TPV), signed by Syed Ali, PhD and Dr. Ram Tewari, PhD, P.E.
3. Test report # **HETI-25-F348** dated June 30, 2025, prepared by Hurricane Engineering & Testing Inc., issued to Storm Armour for smoke density per ASTM-D 2843, rate of burning per ASTM D 635, self-ignition per ASTM-D 1929 for PET adhesive tape, signed by Syed Ali, PhD and Dr. Ram Tewari, PhD, P.E.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0224.05

Expiration Date: November 06, 2030

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E. MATERIAL CERTIFICATIONS (continue):

4. Test report # **HETI-25-F351** dated June 05, 2025, prepared by Hurricane Engineering & Testing Inc., issued to Storm Armour for smoke density per ASTM-D 2843, rate of burning per ASTM D 635, self-ignition per ASTM-D 1929 for plastic Roll (PE shield), signed by Syed Ali, PhD and Dr. Ram Tewari, PhD, P.E.
5. Test report # **HETI-25-F381** dated September 04, 2025, prepared by Hurricane Engineering & Testing Inc., issued to Storm Armour for smoke density per ASTM-D 2843, rate of burning per ASTM D 635, self-ignition per ASTM-D 1929 for ABS (item #14), signed by Syed Ali, PhD and Dr. Ram Tewari, PhD, P.E.

F. STATEMENTS

1. Statement letter of conformance to FBC 2023 (8th Edition), and letter of no financial interest dated February 11, 2025, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Statement letter dated September 3, 2025, issued by Storm Armour and signed by Mark Fisher, clarifying report TR-IFET-0030 for TAS 202 test was completed at approved lab IFET, Inc, and the same mockup/specimen was transported to approved lab QAI for AAMA 501 testing.

G. OTHER

1. Test proposal #23-0125 approved for group A & B, Sliding Glass Doors of ES Windows, Inc., to be tested with Storm Armour water intrusion protection devices.
2. Authorization letter issued by ES Windows, dated May 1, 2025, for ES SGD products contained in test reports TR-IFET-24-0030, MED-2060a, MED-2051a and MED-2049 be used for testing in test proposal #23-0125, and to be used by Storm Armour Solution, LLC for component product approval with MDC, signed by Evelyn Daes, Officer/Director of ES Windows, Inc.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

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TABLE 'A'

GROUP	MODEL	CURRENT NOA NO. (OR LATEST)	THRESHOLD RISER HEIGHT	NO. OF PANLES	ASTM E331 WATER PRESSURE (PSF)	ASTM E1105 WATER PRESSURE (PSF)	AAMA 501.1 WATER PRESSURE (PSF)				
A	ES-EL400	25-0505.02	3-5/8" MIN.	6 (MAX.)	12.75 (FOR REF. ONLY)	6.24 (FOR REF. ONLY)	12.75 (FOR REF. ONLY)				
	ES-EL400	23-0714.13									
	ES-EL400-10	23-0714.12									
	ES-4000	23-0714.11	2" MIN.								
	ES-6000	24-0312.05									
		24-0312.03	2" MIN.								
	ES-6100	24-0312.04									
		24-0312.02									
23-0724.18											

STORM ARMOUR WATER INTRUSION PROTECTION SYSTEM

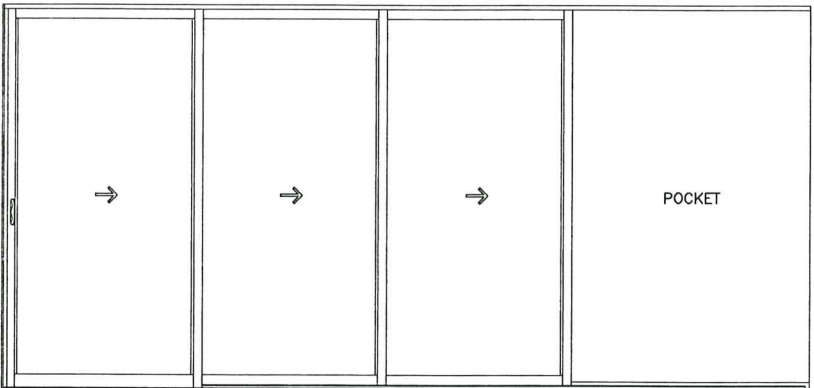
THIS IS A COMPONENT APPROVAL TO BE USED EXCLUSIVELY WITH E.S. WINDOWS SLIDING GLASS DOOR MODELS LISTED IN THE TABLE 'A' AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS SYSTEM. SLIDING GLASS DOORS INCORPORATING THESE WATER INTRUSION PROTECTION COMPONENTS SHALL HAVE A VALID AND CURRENT NOA AND SHALL BE COMPATIBLE WITH THIS PRODUCT.

STORM ARMOUR WATER PROTECTION SYSTEM SHALL BE INSTALLED AS PER MANUF'S INSTALLATION INSTRUCTIONS.

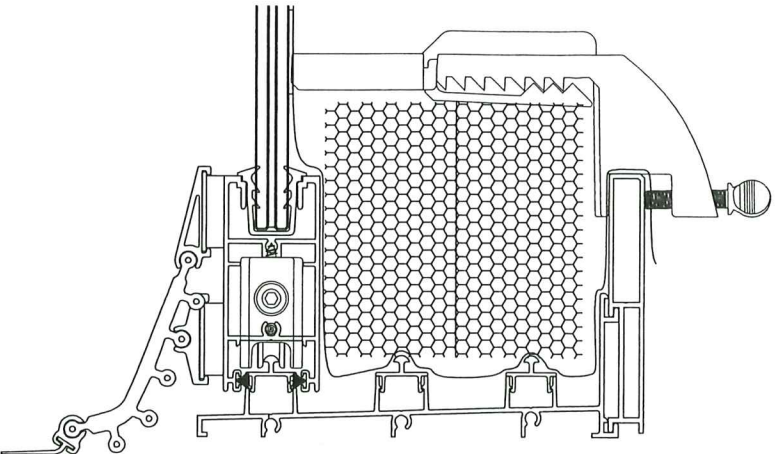
THIS PRODUCT APPROVAL IS GENERIC WITH E.S. WINDOWS MODELS NOA'S LISTED ABOVE AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT.

USE OF COMPONENTS SUCH AS EXTENDERS OR SEALS MAY CHANGE DEPENDING ON SPECIFIC DOOR CONFIGURATION, SEE INSTRUCTIONS MANUAL.

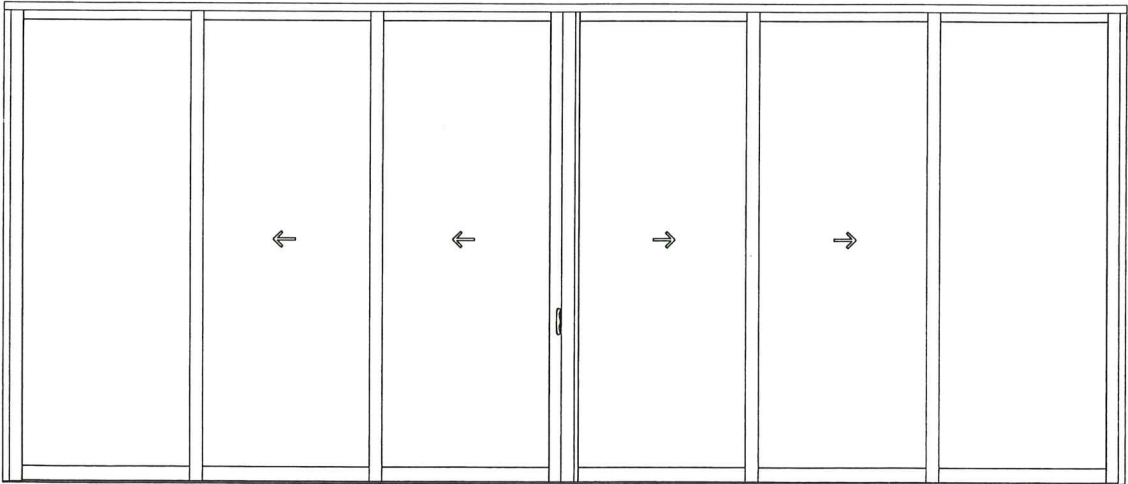
SEE SHEETS 4 THRU 8 FOR COMPONENT INSTALLATIONS.



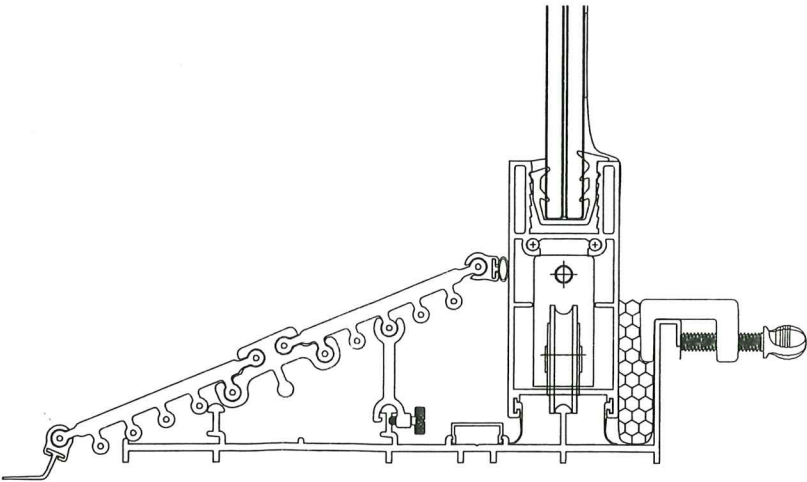
NOA #23-0714.13, ES-EL400 - GROUP A (EXAMPLE)
(3-PANEL W/ POCKET)



INSTALLATION (THRESHOLD/SILL RISER) (EXAMPLE)
ES-EL400

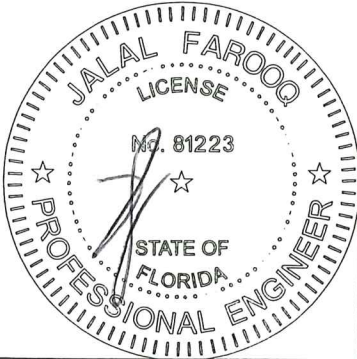


NOA #24-0312.04, ES-6100 - GROUP A (EXAMPLE)
(6-PANEL BI-PARTING)



INSTALLATION (THRESHOLD/SILL RISER) (EXAMPLE)
ES-6100

Approved as complying with the
Florida Building Code
Date 11/06/2025
NOA# 25-0224.05
Miami Dade Product Control
By Jalal I. Chander



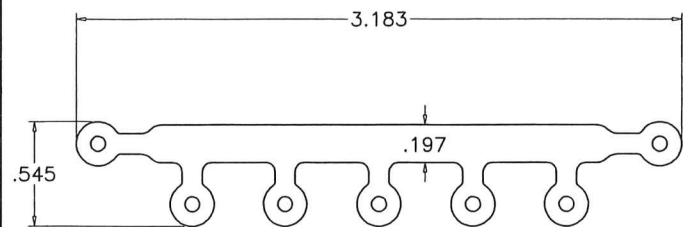
OCT 07 2025

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538

STORM ARMOUR WATER INTRUSION PROTECTION SYSTEM
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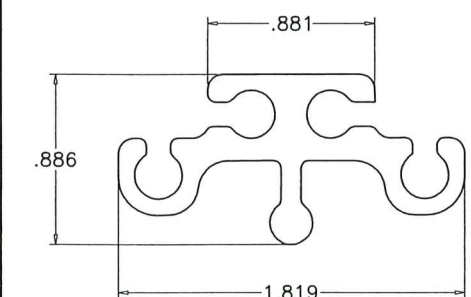
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dr. by: TARIQ		B	09.19.25		REV. PER RER COMMENTS
chk. by:					
drawing no.					
24-35D					
sheet 1 of 8					

EXTERIOR COMPONENTS



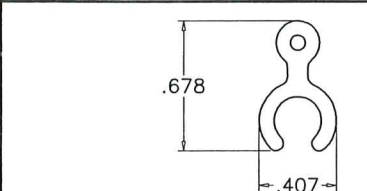
SA-SHIELD
SCALE 1:1

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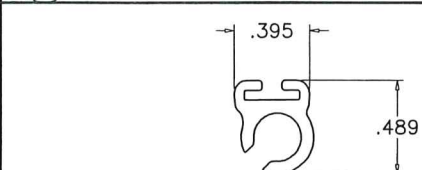
SA-LINK
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2



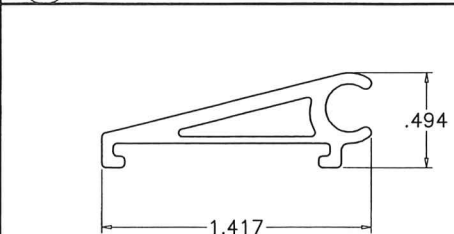
SA-ADAPTER
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3



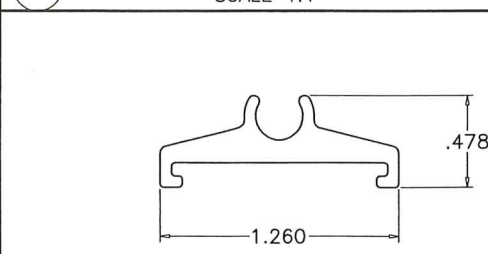
WEATHERSTRIP ADAPTER
SCALE 1:1

4



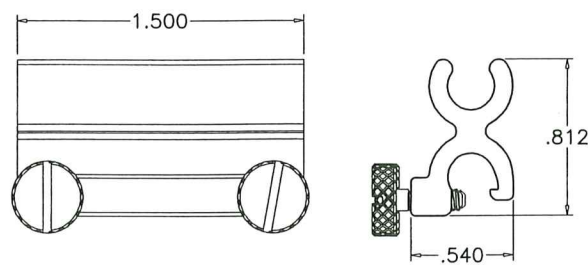
SA-ADHESIVE SEAL BASE
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5



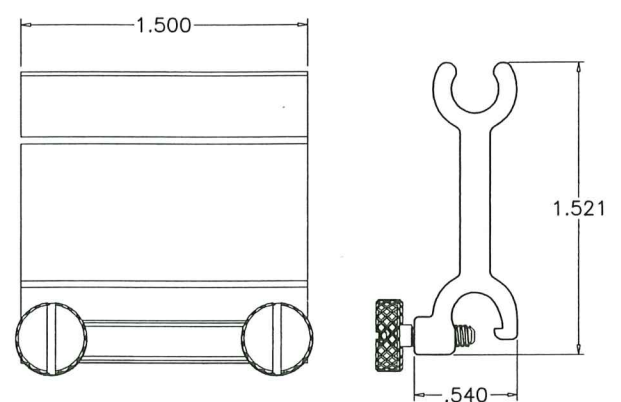
SA-6 IN. ADHESIVE SEAL BASE
SCALE 1:1

6



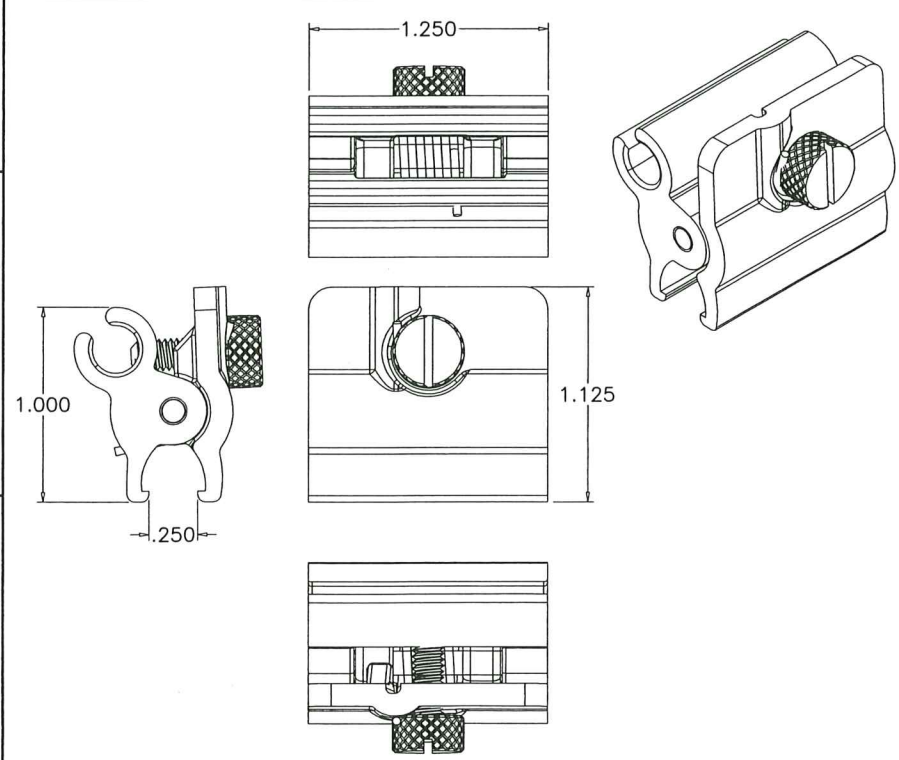
SA-TRACK CLAMP
SCALE 1:1

7



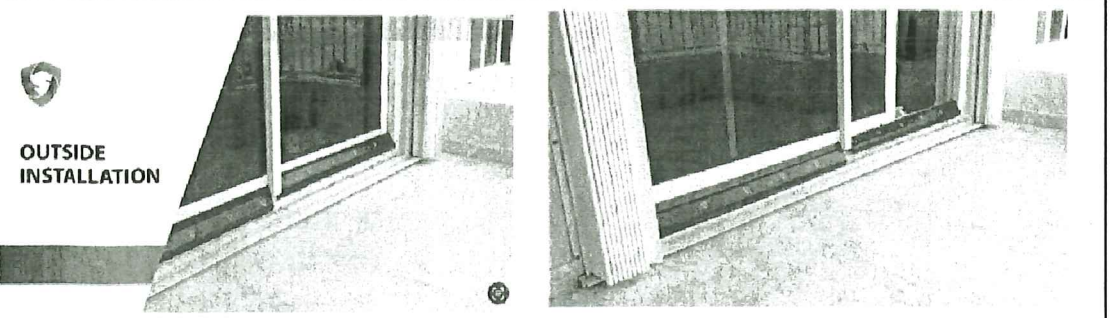
SA-EXTENDED TRACK CLAMP
SCALE 1:1

8



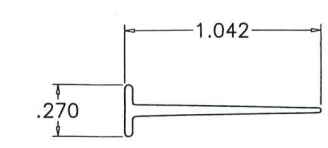
SPRING LOADED TRACK CLAMP
SCALE 1:1

20



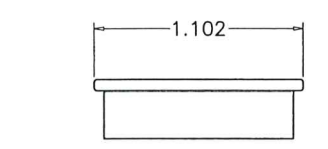
INSTALLATION FINAL EXTERIOR COMPONENT INSTALLED

OUTSIDE
INSTALLATION



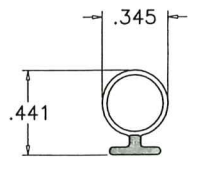
SA-FLAP SEAL

10



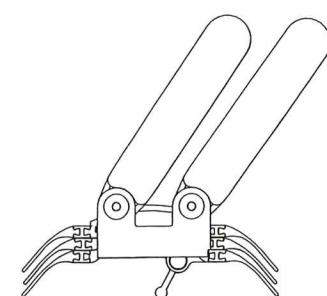
SA-ADHESIVE SEAL

11



SA-BULB SEAL

9

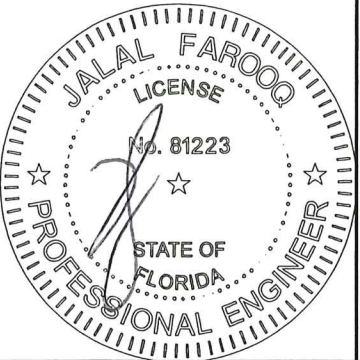


COLLAPSIBLE SA
SCALE 1:4

12

Approved as complying with the
Florida Building Code
Date 11/06/2025
NOA# 25-0224.05
Miami Dade Product Control
By Ismael L. Chavez

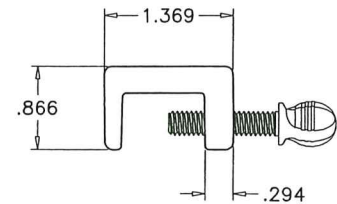
OCT 07 2025



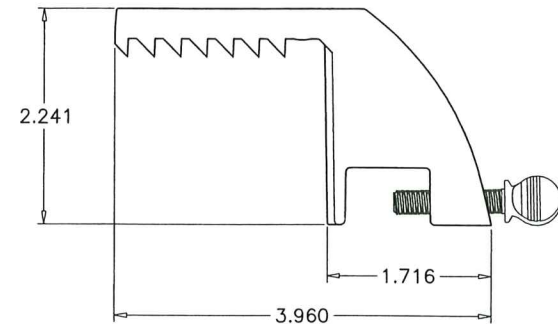
AL-FAROOQ CORPORATION
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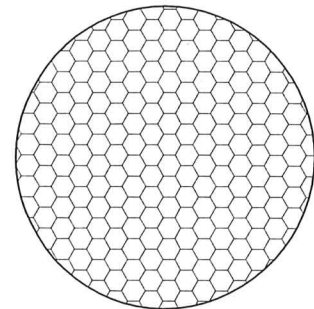
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date: 06-14-24					
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dr. by: TARIQ					
chk. by:					
drawing no.					
24-35D					
sheet 2 of 8					



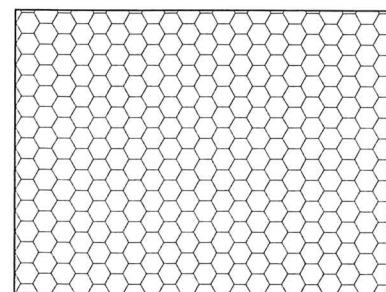
SMALL TRACK CLAMP
SCALE 1:2



LARGE TRACK CLAMP
SCALE 1:2



SMALL CYLINDRICAL FOAM
SCALE 1:2



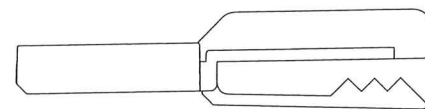
LARGE RECTANGULAR FOAM
SCALE 1:2

INTERIOR COMPONENTS

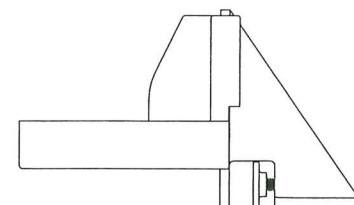


MIN. THICKNESS = .015 mm
MIN. WIDTH = 7.8"

TAPE/PLASTIC ROLL
NOT TO SCALE



CLAMP EXTENDER
SCALE 1:4



ADJUSTABLE FOAM CLAMP
SCALE 1:4

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	SA-SHIELD	FLEXIBLE PVC	-
2	-	AS REQD.	SA-LINK	RIGID PVC	-
3	-	AS REQD.	SA-ADAPTER	RIGID PVC	-
4	-	AS REQD.	WEATHERSRIP ADAPTER	RIGID PVC	-
5	-	AS REQD.	SA-ADHESIVE SEAL BASE	RIGID PVC	-
6	-	AS REQD.	SA-6 IN. ADHESIVE SEAL BASE	RIGID PVC	-
7	-	AS REQD.	SA-TRACK CLAMP	6061-T6	-
8	-	AS REQD.	SA-EXTENDED TRACK CLAMP	6061-T6	-
9	-	AS REQD.	SA-BULB SEAL	TPV	DUROMETER 70±5 SHORE A
10	-	AS REQD.	SA-FLAP SEAL	TPV	DUROMETER 70±5 SHORE A
11	-	AS REQD.	SA-ADHESIVE SEAL	RIGID PVC+FOAM	-
12	-	AS REQD.	COLLAPSIBLE SA	ABS	-
13	-	AS REQD.	SMALL TRACK CLAMP	ABS	-
14	-	AS REQD.	LARGE TRACK CLAMP	ABS	-
15	-	-	SMALL CYLINDRICAL FOAM	PU19	-
16	-	-	LARGE RECTANGULAR FOAM	PU18	-
17	-	-	CLAMP EXTENDER	ABS	-
18	-	-	ADJUSTABLE FOAM CLAMP	ABS	-
19	-	-	TAPE/PLASTIC ROLL	PE + PET	-
20	-	-	SPRING LOADED TRACK CLAMP	ABS	-

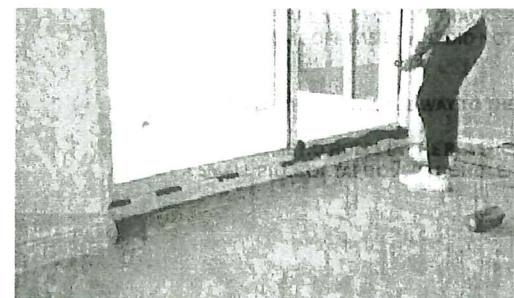
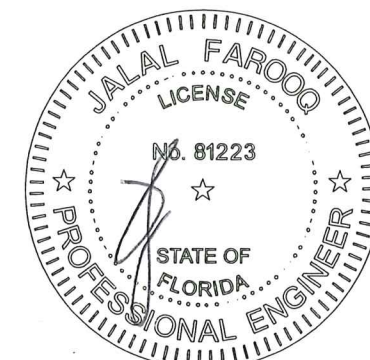


ILLUSTRATION FINAL INTERIOR COMPONENT INSTALLED

Approved as complying with the
Florida Building Code
Date 11/06/2025
NOA# 25-0224.05
Miami Dade Product Control
By Ishag I. Chaudhry

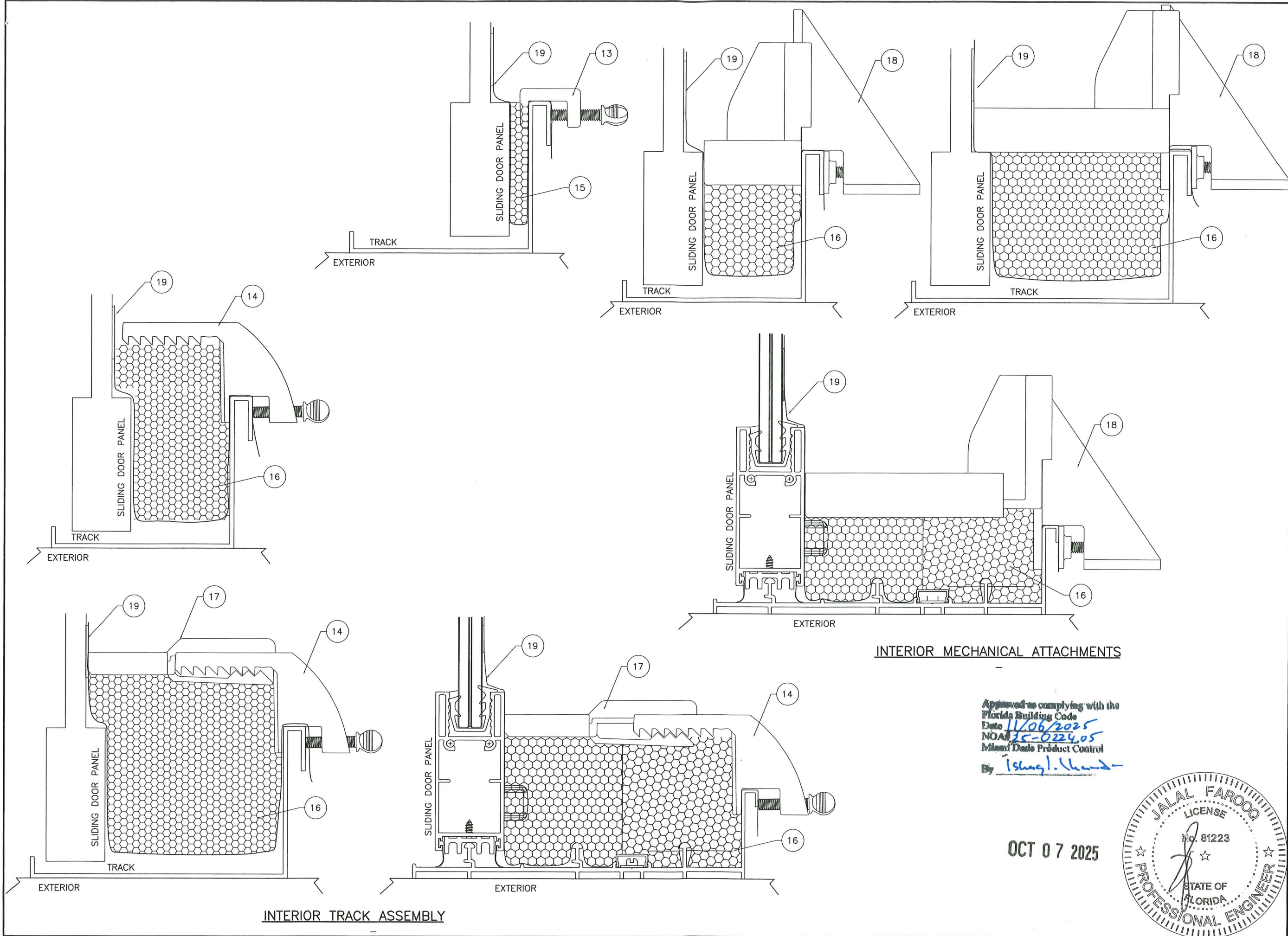
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MISC\24-35D-SAS

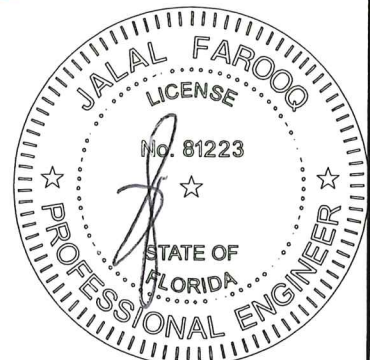
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revisions:		no	date	by	description
A	date	04.10.25	REV. PER	COMMENTS	
	scale:	NOTED	REV. PER	COMMENTS	
B	date	09.19.25	REV. PER	COMMENTS	
	scale:	NOTED	REV. PER	COMMENTS	
date:		06-14-24	dr. by:	TARIQ	chk. by:
drawing no.		24-35D			
sheet		3 of 8			



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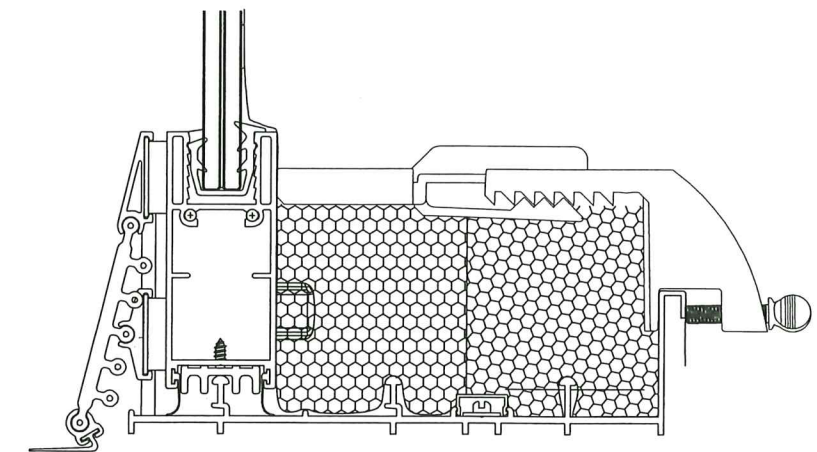
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www.stormarmour.com

revisions:		no.		date		by		description	
A	04.10.25	REV.	PER	REV.	PER	REV.	PER	REV.	PER
B	09.19.25	REV.	PER	REV.	PER	REV.	PER	REV.	PER

date: 06-14-24	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
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drawing no.	24-35D
sheet	6 of 8



A detailed technical cross-section drawing of a mechanical assembly, likely a pump or motor. The drawing shows a central vertical shaft with a rotor assembly in the middle. The rotor has a central circular component with a spiral or vane-like structure. Surrounding the rotor is a stator or housing with a honeycomb-like internal structure. Various seals, bearings, and support structures are shown, including a large triangular component on the right and a complex bracket-like structure on the left. The drawing is a line art representation, showing the internal geometry and components of the machine.

Approved as complying with the
Florida Building Code
Date 11/06/2025
NOAH 25-0224.05
Miami Dade Product Control
By Ishag I. Khan

OCT 07 2025

