



ENGINEER

EVALUATE

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21			
CLIENT:	SEAMAN CORPORATION	TEST DATE:	2020-06-11
DOCUMENT NO.	SMN-AARS-3.1	PUBLICATION DATE:	2024-01-17
TEST PANEL NO.	SMN-D11	REVISION NO.	0
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2026-07-20

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY		
PERFORMANCE ⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (RESISTANCE FACTOR 0.65)
	105 psf (5.0 kPa)	70 psf (3.4 kPa)

COMPONENT	ALLOWABLE PRODUCTS		BY
MEMBRANE ⇒	FiberTite, FiberTite-SM, FiberTite-XT or FiberTite XTreme		Seaman Corporation
ATTACHMENT:	FTR-190e, contact application, 0.5 gal./sq. per surface or Alpha-Tite Bonding Adhesive, contact application, 0.83 to 1.0 gal./sq. per surface		Seaman Corporation
INSULATION, TOP LAYER ⇒	max. 4 x 4-ft. x min. 1.5-inch thick		
	FTR-Value or FTR-Value H		Seaman Corporation
	ACFoam II or ACFoam III		Atlas Roofing
	H-Shield		Hunter Panels
	ISOLEX A or ISOLEX II A		Lexusco 2010 Corp
ATTACHMENT:	FTR-601	ribbons 6-inch o.c.	Seaman Corporation
	FTR-601 PG	ribbons 6-inch o.c.	Seaman Corporation
	Millennium One Step Foamable	ribbons 6-inch o.c.	H.B. Fuller
	Millennium PG-1 Pump Grade	ribbons 6-inch o.c.	H.B. Fuller
	Insultac II Insulation Adhesive	ribbons 6-inch o.c.	Lexusco 2010 Corp
	Insultac II Pump Grade Insulation Adhesive	ribbons 6-inch o.c.	Lexusco 2010 Corp
INSULATION, BASE LAYER(S) ⇒	Optional, one or more layers, max. 4 x 4-ft. x min. 1.5-inch thick		
	FTR-Value or FTR-Value H		Seaman Corporation
	ACFoam II or ACFoam III		Atlas Roofing
	H-Shield		Hunter Panels
	ISOLEX A or ISOLEX II A		Lexusco 2010 Corp
	ThermalStar TS		Atlas Molded Plastics
	Min. 1.0 lb/ft <sup>3</sup> IZOSOL or IZOLON EPS		Fransyl

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COMPONENT	ALLOWABLE PRODUCTS	BY
ATTACHMENT:	FTR-601	ribbons 6-inch o.c. Seaman Corporation
	FTR-601 PG	ribbons 6-inch o.c. Seaman Corporation
	Millennium One Step Foamable	ribbons 6-inch o.c. H.B. Fuller
	Millennium PG-1 Pump Grade	ribbons 6-inch o.c. H.B. Fuller
	Insultac II Insulation Adhesive	ribbons 6-inch o.c. Lexsuco 2010 Corp
	Insultac II Pump Grade Insulation Adhesive	ribbons 6-inch o.c. Lexsuco 2010 Corp
VAPOUR BARRIER⇒	Option #1: VaporTite	Seaman Corporation
	Option #2: FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base	Seaman Corporation
	Option #3: Torchflex TF-95-SF Base or Torchflex-TP-180-SF Base	IKO Industries
ATTACHMENT:	For Option #1: self-adhering	
	For Options #2 and #3: torch-applied	
PRIMER⇒	For Option #1: ELASTOCOL Stick Zero, 1 gal./100 ft2	Soprema
	For Option #2: ASTM D41 primer, 0.5 gal./100 ft2	various
	For Option #3: Lexprime TG	Lexcor
DECK⇒	Min. 2,500 psi structural concrete	generic

**NEMO ETC CREDENTIALS**

TYPE	ENTITY	REFERENCE
ISO/IEC 17025 Accreditation	International Accreditation Service (IAS)	<a href="#">TL-689</a>
TAS 301 Certification	Miami-Dade	<a href="#">21-0409.01</a>
Third Party Test Data Program	UL, LLC	<a href="#">DA2862</a>
Test Lab Listing	Roofing Contractors Association of British Columbia	<a href="#">RCABC Labs</a>

**REPORT HISTORY**

DATE	EVENT	NOTES	AUTHORIZED BY:
2020-08-24	FINAL issued	After client review	RN
2020-12-29	REV1 issued	Add Insultac II Insulation Adhesive and Insultac II Pump Grade Insulation Adhesive Add ISOLEX A; Correct Option #2 membrane designations.	RN
2021-10-20	REV2 issued	Add AlphaTite Bonding Adhesive; add IZOLON EPS	RN
2023-07-20	REV3 issued	Renewal after verification	RN
2023-09-29	REV4 issued	Additional vapor barrier options based on 4i-SMN-23-SSCRT-01	RN
2024-01-17	New 3.1 issued	To capture additional interfaces supported by existing data	RN

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**END OF REPORT**