



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-2	PUBLICATION DATE:	2023-07-20
TEST PANEL NO.	SMN-D11	REVISION NO.	3
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2026-07-20

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY

PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (with SF of 1.5)
	5.0 kPa (105 psf)	3.4 kPa (70 psf)

COMPONENT	ALLOWABLE PRODUCTS		BY
MEMBRANE⇒	<u>Option #1</u>	<u>Option #2</u>	Seaman Corporation
	FiberTite, FiberTite-SM, FiberTite-XT or FiberTite XTreme	FiberTite FB, FiberTite-SM FB, FiberTite-XT FB or FiberTite XTreme FB	
ATTACHMENT:	<u>For Option #1</u>	<u>For Option #2</u>	Seaman Corporation
	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	FTR-290 or FTR-390 at 1 gal./sq.	
		Polyset CR-20, spatter-application	ICP Adhesives & Sealants
INSULATION, TOP LAYER⇒	max. 4 x 4-ft. x min. 1.5-inch thick		various
	FTR-Value or FTR-Value H		
	ACFoam II		
	H-Shield		
	ISOLEX A		
ATTACHMENT:	ASTM D312, Type II or IV asphalt	25-30 lbs/sq.	various
INSULATION, BASE LAYER(S)⇒	Optional, one or more layers, max. 4 x 4-ft. x min. 1.5-inch thick		various
	FTR-Value or FTR-Value H		
	ACFoam II		
	H-Shield		
	ISOLEX A		
ATTACHMENT:	ASTM D312, Type III or IV asphalt	25-30 lbs/sq.	various
VAPOUR BARRIER⇒	FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base		Seaman Corporation
ATTACHMENT:	torch-applied		

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COMPONENT	ALLOWABLE PRODUCTS		BY
COMPONENT	ALLOWABLE PRODUCTS		BY
PRIMER⇒	ASTM D41 primer, 0.5 gal./100 ft2		various
THERMAL BARRIER⇒	Min. 0.75-inch Structural Panel Concrete Roof Deck		USG
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
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DECK⇒	Minimum 22 ga. type B steel meeting ASTM A653, A792, A1008 or CSSBI 10M standards and having a yield strength of 550 MPa (80 ksi)		various

NEMO ETC CREDENTIALS

TYPE	ENTITY	REFERENCE
ISO/IEC 17025 Accreditation	International Accreditation Service (IAS)	TL-689
TAS 301 Certification	Miami-Dade	21-0409.01
Third Party Test Data Program	UL, LLC	DA2862
Test Lab Listing	Roofing Contractors Association of British Columbia	www.rcabc.org

REPORT HISTORY

DATE	EVENT	NOTES	AUTHORIZED BY:
2020-08-24	FINAL issued	After client review	RN
2020-12-29	REVISION 1 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	RN
2023-07-20	REV3 issued	Renewal after verification	RN

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