



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-1	PUBLICATION DATE:	2020-08-24
TEST PANEL NO.	SMN-D11	REVISION NO.	0
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2023-06-11

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY

PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (with SF of 1.5)
		5.0 kPa (105 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, FiberTite-SM, FiberTite-XT or FiberTite XTreme	
ATTACHMENT:	<u>For Option #1</u>	<u>For Option #2</u>	
	FTR-190e, contact application, 0.5 gal./sq. per surface	FTR-290 or FTR-390 at 1 gal./sq.	Seaman Corporation
		Polyset CR-20, spatter-application	ICP Adhesives & Sealants
INSULATION, TOP LAYER⇒	max. 4 x 4-ft. x min. 1.5-inch thick		
	FTR-Value or FTR-Value H		Seaman Corporation
	ACFoam II		Atlas Roofing
	H-Shield		Hunter Panels
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
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		Atlas Roofing
	H-Shield		Hunter Panels
	ThermalStar TS		Atlas Molded Plastics
	ISOZOL EPS		Fransyl
ATTACHMENT:	FTR-601	ribbons 6-inch o.c.	Seaman Corporation
	FTR-601 PG	ribbons 6-inch o.c.	Seaman Corporation

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	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
VAPOUR BARRIER⇒	Option #1: VaporTite		Seaman Corporation
	Option #2: FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base		Seaman Corporation
ATTACHMENT:	For Option #1: self-adhering		
	For Option #2: 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
THERMAL BARRIER⇒	Min. 0.75-inch Structural Panel Concrete Roof Deck		USG
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	Millennium PG-1 Pump Grade	ribbons 6-inch o.c.	H.B. Fuller
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

END OF REPORT