



ENGINEER

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21			
CUSTOMER:	Tremco CPG, Inc.	TEST DATE:	2023-12-27, 2022-02-18, 2019-02-15, 2016-10-07
DOCUMENT NO.	TRM-AARS-3.3	PUBLICATION DATE:	2024-09-30
TEST PANEL NO.	TRM-D8 + D4 + D9 + 21A	REVISION NO.	0
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2027-09-30

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY		
PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (RESISTANCE FACTOR 0.65)
	66 psf (3.2 kPa)	44 psf (2.1 kPa)

COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
CAP PLY ⇒	AlphaGuard™ MTS Fluid Applied Roof System	AlphaGuard™ MTS Base Coat applied at a rate of 3 to 6 gal/square, followed by AlphaGuard™ Glass Mat, PERMAFAB Mat or PERMAFAB Max wet-laid into the base coat, providing 4 in. wide laps. AlphaGuard™ MTS Top Coat applied at a rate of 1 to 5 gal/square.
PRIMER ⇒	(Optional) AlphaGuard WB Primer	Applied at listee-specified rate
PLY ⇒	(Optional) One or more plies BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM and/or POWERply Endure 200 Smooth	POWERply Endure BIO Adhesive TF at 2.0 gal/sq.
BASE PLY ⇒	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM or POWERply Endure 200 Smooth	POWERply Endure BIO Adhesive TF at 2.0 gal/sq.
COVERBOARD ⇒	Min. 0.25-inch G-P Gypsum “DensDeck Prime” or USG “SECUROCK Gypsum-Fiber Roof Board”	Tremco Low Rise Foam Insulation Adhesive or Low Rise Foam Insulation Adhesive (BG) or HB Fuller “Millennium One Step Foamable Adhesive” or “Millennium PG-1 Pump Grade Adhesive”, continuous ribbons, 6-inch o.c.
INSULATION 2 ⇒	(Optional) Min. 1-inch ROCKWOOL “MonoBoard” or min. 2-inch “TopRock DD”	Tremco Low Rise Foam Insulation Adhesive or Low Rise Foam Insulation Adhesive (BG) or HB Fuller “Millennium One Step Foamable Adhesive” or “Millennium PG-1 Pump Grade Adhesive”, continuous ribbons, 6-inch o.c.

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COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
INSULATION 1 ⇨	One or more layers, max. 4x4 ft x min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF, Atlas Roofing "ACFoam II" or "ACFoam III" or Johns Manville "ENRGY 3"	Tremco Low Rise Foam Insulation Adhesive or Low Rise Foam Insulation Adhesive (BG) or HB Fuller "Millennium One Step Foamable Adhesive" or "Millennium PG-1 Pump Grade Adhesive", continuous ribbons, 12-inch o.c.
VAPOUR BARRIER ⇨	"AVC MAX Membrane" or	Self-adhering
	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	POWERply Endure BIO Adhesive TF at 2.0 gal/sq.
PRIMER ⇨	(required only is using AVC Max Membrane) "AVC Membrane Primer" or "AVC Membrane Primer (WB)"	250 ft ² /gallon
THERMAL BARRIER (OPTIONAL) ⇨	Min. 0.5-inch Georgia-Pacific "DensDeck Prime Roofboard" or USG "SECUROCK Gypsum-Fiber Roof Board (Type FRX-G)"	Tremco Low Rise Foam Insulation Adhesive or Low Rise Foam Insulation Adhesive (BG) or HB Fuller "Millennium One Step Foamable Adhesive" or "Millennium PG-1 Pump Grade Adhesive", continuous ribbons, 12-inch o.c.
DECK ⇨	Minimum 22 ga. type B steel meeting ASTM A653, A792, A1008 or CSSBI 10M standards and having a yield strength of 275 MPa (40 ksi) or min. 2,500 psi structural concrete	

RSAR SCOPE

Roof System Assessment Reports (RSAR) constitute a summary of allowable products and interfaces used in low-slope roof assemblies based testing in accordance with CSA A123.21 at our ISO/IEC 17025 accredited laboratory.

While RSAR's are reviewed and renewed each 3-years based primarily on report holder declaration, these are not Certification listings, and are not intended to state or imply ongoing quality control / surveillance activities by NEMO at the report holder's facilities.

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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	RCABC Labs

REPORT HISTORY

DATE	EVENT	NOTES	AUTHORIZED BY:
2024-09-26	DRAFT 1	For customer review	RN
2024-09-30	FINAL	After customer review	RN

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END OF REPORT