



ENGINEER

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21			
CUSTOMER:	Tremco CPG, Inc.	TEST DATE:	2017-03-10, 2019-02-15 & 2021-03-26
DOCUMENT NO.	TRM-AARS-2	PUBLICATION DATE:	2024-03-29
TEST PANEL NO.	TRM-D1 + TRM-D4 + TRM-D6	REVISION NO.	1
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2027-03-29

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	
	PRODUCT	ATTACHMENT
SURFACING ⇒	(Optional) Any Tremco hot-applied or cold-applied flood coat and gravel or aggregate stone*, or Tremco roof coating approved for use with the cap ply membrane, applied in accordance with Tremco requirements. *Refer to local Building Code for limitations concerning use of gravel surfacing.	
CAP PLY ⇒	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, POWERply 300 Smooth, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR or POWERply Endure 200 FR	POWERply Endure BIO Adhesive TF at 2.0 gal/sq.
PLY ⇒	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, POWERply 300 Smooth, 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.
BASE PLY ⇒	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, POWERply 300 Smooth, 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.

ROOF SYSTEM ASSESSMENT REPORT, DYNAMIC UPLIFT RESISTANCE PER CSA A123.21

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COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
COVERBOARD ⇒	Min. 0.5-inch Building Products of Canada Corp. “BP ESGARD High Density Roof Insulator, coated with asphalt on 6 sides”	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, BASE LAYER(S) ⇒	(Optional) One or more layers, min. 1-inch x max. 4x4 ft 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, 6-inch o.c.
VAPOUR BARRIER ⇒	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	POWERply Endure BIO Adhesive TF at 2.0 gal/sq.
THERMAL BARRIER ⇒	Min. 0.5-inch 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, 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 40 ksi (275 MPa).	

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:
2021-04-29	DRAFT 1	For customer review	RN
2021-05-03	FINAL	After customer review	RN
2024-03-29	REV2	3-year renewal after reexamination; remove BURmastic Adhesive SF	RN

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END OF REPORT