



ENGINEER

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21			
CUSTOMER:	Tremco CPG, Inc.	TEST DATE:	2019-02-15
DOCUMENT NO.	TRM-AARS-1	PUBLICATION DATE:	2024-03-29
TEST PANEL NO.	TRM-D4	REVISION NO.	2
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)
	131 psf (6.3 kPa)	88 psf (4.2 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 ⇒	THERMglass Type IV, THERMglass Premium VI, 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	THERMastic 80 or THERMastic 100 at 25-30 lbs/sq. or hot asphalt at 20-40 lbs/sq. (not over SECUROCK Gypsum-Fiber Roof Board)
PLY ⇒	(Optional if using Base Ply) One or more plies THERMglass Type IV, THERMglass Premium VI, 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 and/or POWERply Endure 200 Smooth	THERMastic 80 or THERMastic 100 at 25-30 lbs/sq. or hot asphalt at 20-40 lbs/sq. (not over SECUROCK Gypsum-Fiber Roof Board)
BASE PLY ⇒	(Optional if using 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	THERMastic 80 or THERMastic 100 at 25-30 lbs/sq. or hot asphalt at 20-40 lbs/sq. (not over SECUROCK Gypsum-Fiber Roof Board)
COVERBOARD ⇒	Min. 0.125-inch Tremboard AC or Blue Ridge Fiberboard “Sturdy-Dek Asphaltic Cover Board”, min. 0.25-inch Georgia Pacific “DensDeck Prime”, National Gypsum “DEXcell FA Glass Mat Roof Board” or USG “SECUROCK Gypsum-Fiber Roof Board” or min. 0.5-inch Building Products of Canada Corp. “BP ESGARD High Density Roof Insulator, coated with asphalt on 6 sides”	THERMastic 80 or hot asphalt at 25-30 lbs/sq.

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

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COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
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”	THERMastic 80 or hot asphalt at 25-30 lbs/sq.
VAPOUR BARRIER ⇒	Two (2) plies IKO Industries “IKO No. 15 Asphalt Felt-Perforated” or other perforated-felt meeting ASTM D226, Type I or CSA A123.3, Type I, BURmastic Composite Ply HT or POWERply Standard Smooth or	hot asphalt at 25-30 lbs/sq.
	POWERply Standard Smooth HW	torch-applied
PRIMER ⇒	(Optional) ASTM D41 primer	At 0.5 gal./sq.
THERMAL BARRIER ⇒	Min. 0.5-inch Georgia Pacific “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, 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)	<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:
2021-04-28	DRAFT 1	For customer review	RN
2021-05-03	FINAL	After customer review	RN
2022-11-29	DRAFT REV1	For customer review	RN
2022-11-29	REV1	After customer review	RN
2024-03-29	REV2	3-year renewal after reexamination	RN

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**END OF REPORT**