



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

CLIENT:	Tremco CPG, Inc.	TEST DATE:	2021-07-07
DOCUMENT NO.	TRM-PARS-2	PUBLICATION DATE:	2024-07-02
TEST PANEL NO.	TRM-D9 + TRM-D4	REVISION NO.	1
SYSTEM TYPE:	B-1	REEVALUATION DATE:	2027-07-02

PARTIALLY ADHERED ROOFING SYSTEM (PARS) 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 ⇨	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, 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	BURmastic Adhesive MC at full-coverage, 2.0 gal/square.
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	BURmastic Adhesive MC at full-coverage, 2.0 gal/square.
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	BURmastic Adhesive MC at full-coverage, 2.0 gal/square.

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COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
COVERBOARD ⇨	Min. 0.25-inch G-P Gypsum “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 “BP ESGARD High Density Roof Insulator, coated with asphalt on 6-sides” or USG “SECUROCK Cement 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, 4-inch o.c. or THERMastic 80 or hot asphalt at 25-30 lbs/sq.
INSULATION, MID LAYER(S) ⇨	(Optional) One or more layer(s), min. 1-inch x max. 4x4 ft Trisotech, Trisotech G, Trisotech CGF, Atlas Roofing “ACFoam II” or “ACFoam III”, GAF “EnergyGuard Polyiso Insulation”, Holcim “ISO 95+ GL” or “RESISTA”, Hunter Panels “H-Shield”, Johns Manville “ENRGY 3” or Rmax “Multi-Max FA3” or “Ultra-Max”	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, 4-inch o.c. or THERMastic 80 or hot asphalt at 25-30 lbs/sq.
INSULATION, BASE LAYER ⇨	One or more layer(s), top layer min. 2-inch thick, Trisotech, Trisotech G, Trisotech CGF, Atlas Roofing “ACFoam II” or “ACFoam III”, GAF “EnergyGuard Polyiso Insulation”, Holcim “ISO 95+ GL” or “RESISTA”, Hunter Panels “H-Shield”, Johns Manville “ENRGY 3” or Rmax “Multi-Max FA3” or “Ultra-Max”	<p>Topmost layer mechanically attached: Tremco #15 EHD with Tremco 3” Metal Insulation Plate, Altenloh “Trufast #15 EHD” with “Trufast 3” Metal Insulation Plate”, OMG “OMG XHD” with “OMG 3-in. Ribbed Galvalume Plates or SFS “Dekfast DF-#15-PH3” with “Dekfast PLT-R-3”</p> <p>1 per 2.0 ft² (16 parts per 4x8 ft board or 8 parts per 4x4 ft board)</p>
VAPOUR BARRIER ⇨	Min. 6-mil polyethylene or other vapor barrier	Loose-laid, adhered or mechanically-attached
THERMAL BARRIER ⇨	(Optional) Any type or thickness acceptable to the Authority Having Jurisdiction	Loose-laid, adhered or mechanically-attached
DECK ⇨	Min. 22 ga., Type B steel meeting ASTM A653, A792, A1008 or CSSBI 10M standards and having a yield strength of 40 ksi (275 MPa), or alternate steel deck providing the fastener withdrawal resistance noted below.	
INSULATION FASTENER POINT-LOAD ⇨	262 lbf (1165 N)	

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Page 3 of 3

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:
2021-09-07	DRAFT 1	For client review	RN
2021-09-17	FINAL	After client review	RN
2024-07-02	REV1	Re-issuance after re-evaluation	RN

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END OF REPORT