



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

CLIENT:	Tremco CPG, Inc.	TEST DATE:	2020-06-11, 2023-12-27
DOCUMENT NO.	TRM-PARS-4	PUBLICATION DATE:	2024-07-02
TEST PANEL NO.	SMN-D11 + TRM-D9	REVISION NO.	0
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)
	105 psf (5.0 kPa)	70 psf (3.4 kPa)

COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
ROOF COVER ⇒	TremPly KEE	TremPly KEE LV Bonding Adhesive, contact application, 0.5 gal/square per surface <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Trisotech, Trisotech G, Trisotech CGF, ACfoam II, ACfoam III or ENRGY 3 only)</i>
	TremPly KEE FB	THERMastic 80 or hot asphalt, wet-lay, 25 lbs/square <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or MonoBoard Plus only)</i>
		POWERply Endure BIO Adhesive TF, wet-lay, 2.0 to 3.0 gal/square <i>(when applied to MonoBoard, rate is min. 3.0 gal/square)</i>
		Tremco LR Adhesive, wet-lay, ribbons max. 6-inch o.c. <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Trisotech, Trisotech G, ACfoam II or ENRGY 3 only)</i>
		TremPly KEE FB Bonding Adhesive, wet-lay, 1.0 gal/square <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Trisotech G, Trisotech CGF, ACfoam II or ACfoam III only)</i>
		TremPly KEE FB WB II Bonding Adhesive, wet-lay, 0.85 to 1.0 gal/square <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Trisotech, Trisotech G, ACfoam II or ENRGY 3 only)</i>
		Tremco PSF Adhesive, wet-lay, spatter-application <i>(to DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, MonoBoard, Trisotech, Trisotech G, Trisotech CGF, ACfoam II, ACfoam III or ENRGY 3 only)</i>
COVERBOARD ⇒	(Optional) Min. 0.25-inch G-P Gypsum "DensDeck Prime" or USG "SECUROCK Gypsum-Fiber Roof Board" or min. 1-inch ROCKWOOL "MonoBoard" or "MonoBoard Plus"	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. or THERMastic 80, THERMastic 100 or hot asphalt at 25-30 lbs/sq.

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COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
INSULATION, MID LAYER(S) ⇨	(Optional) One or more layer(s), min. 1-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. or THERMastic 80, THERMastic 100 or hot asphalt at 25-30 lbs/sq.
INSULATION, BASE LAYER ⇨	One or more layer(s), top layer min. 2-inch thick, Trisotech G, Trisotech CGF or Atlas Roofing "ACFoam II" or "ACFoam III"	<p>Topmost layer mechanically attached: Tremco #15 EHD with Tremco 3" Metal Insulation Plate or Altenloh "Trufast #15 EHD" with "Trufast 3" Metal Insulation Plate"</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 ⇨	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category, CDX, 4-ply or alternate wood deck providing the fastener withdrawal resistance noted below.	
INSULATION FASTENER POINT-LOAD ⇨	210 lbf (934 N)	

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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:
2024-06-26	DRAFT 1	For customer review	RN
2024-07-02	FINAL	After customer review	RN

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END OF REPORT