



ENGINEER

EVALUATE

TEST

CONSULT

CERTIFY

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

CLIENT:	Polyglass USA, Inc.	TEST DATE:	2016-08-23
DOCUMENT NO.	PLYG-PARS-1.24	PUBLICATION DATE:	2018-02-26
TEST PANEL NO.	PLYG-3	REVISION NO.	R0
SYSTEM TYPE:	B	REEVALUATION DATE:	2021-02-26

**PARTIALLY ADHERED ROOFING SYSTEM (PARS) SUMMARY**

PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (with SF of 1.5)
	4.6 kPa (96 psf)	3.1 kPa (64 psf)

COMPONENT	ALLOWABLE PRODUCTS	BY	
CAP PLY⇒	Polyflex, Polyflex G, Polyflex G FR, Polybond, Polybond G, Polyfresko G, Polyfresko G FR, Elastoflex VG FR, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS-G, Elastoshield TS-G FR, Polyfresko G SBS or Polyfresko G SBS FR	Polyglass	
ATTACHMENT:	torch-applied		
PLY⇒	(Optional) Polyflex, Polybond, Elastobase (poly/poly), Elastoflex V, Elastoflex S6 or Polyglass HT Base 650	Polyglass	
ATTACHMENT:	torch-applied		
BASE PLY⇒	Elastoflex S6 or Polyglass HT Base 650	Polyglass	
ATTACHMENT:	torch-applied		
INSULATION, TOP LAYER⇒	Min. 0.5" SECUROCK Gypsum-Fiber Roof Board	U.S. Gypsum	
ATTACHMENT:	INSTA-STIK Quick Set	ribbons max. 12" o.c.	Dow Chemical
	Millennium One Step Foamable Adhesive	ribbons max. 12" o.c.	Royal Adhesives
	Millennium PG-1 Pump Grade Adhesive	ribbons max. 12" o.c.	Royal Adhesives
INSULATION, BASE LAYER⇒	One or more layers H-Shield; top layer min. 1.5" thick	Hunter Panels	
ATTACHMENT:	1 per 3.2 ft <sup>2</sup> (10 parts per 4x8 ft board)		
		OMG #12 Standard RoofGrip with OMG 3" Galvalume Ribbed Plates	OMG

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**NEMO|etc.**

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COMPONENT	ALLOWABLE PRODUCTS	BY
VAPOUR BARRIER⇒	SPAR-Marathon Vapour Barrier, loose-laid; laps sealed with SPAR-Marathon Vapour Barrier Adhesive	SPAR Roofing & Metal Supplies, Ltd
ATTACHMENT:	loose-laid	
THERMAL BARRIER⇒	None	N/A
ATTACHMENT:	N/A	
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), or alternate steel deck providing the fastener withdrawal resistance noted below	Various
FASTENER POINT-LOAD⇒	1370 N (308 lbf)	

**END OF REPORT**