



ENGINEER

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21			
CUSTOMER:	All Weather Insulated Panels	TEST DATE:	2023-12-28
DOCUMENT NO.	AWIP-AARS-1	PUBLICATION DATE:	2024-04-17
TEST PANEL NO.	AWIP-D3	REVISION NO.	0
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2027-04-17

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY		
PERFORMANCE ⇨	PASSING PRESSURE	WIND UPLIFT RESISTANCE (RESISTANCE FACTOR 0.65)
	90 psf (4.31 kPa)	60 psf (2.87 kPa)

COMPONENT	ALLOWABLE PRODUCTS	
	PRODUCT	ATTACHMENT
MEMBRANE ⇨	Cooley "CSP-TPO"	Bostik "Pliobond 2830" or "Pliobond 2835" or Holcim "LA-505" in accordance with AWIP and Cooley application requirements
	Cooley "CSP-TPO FB"	Bostik "Pliobond 2830" (<i>not over ACFoam II</i>) or "Pliobond 2835" or Holcim "LA-505" in accordance with AWIP and Cooley application requirements
	Cooley "C-3 Plus PVC"	Bostik "Pliobond 9752" or Holcim "LA-432M" in accordance with AWIP and Cooley application requirements
	Cooley "C-3 Fleece Back"	Holcim "LA-505" in accordance with AWIP and Cooley application requirements
	Sika Sarnafil "G410", "S237", "G410 Feltback" or "S327 Feltback"	"Sarnacol 2170" or "Sarnacol 2170 VC" in accordance with AWIP and Sika Sarnafil application requirements
INSULATION (OPTIONAL) ⇨	One (1) more layers, flat (min. 1-in. thick) or tapered (avg. 1-inch thick), Atlas Roofing "ACFoam II" or "ACFoam III", Hunter Panels "H-Shield" or "H-Shield CG" or Rmax "UltraMax"	Altenloh, Brink & Co. U.S. "Trufast Roofing Adhesive", continuous ribbons, max. 12-inch o.c.
		H.B. Fuller "Millennium PG-1 Pump Grade Adhesive", continuous ribbons, max. 12-inch o.c.
		OMG "OlyBond 500", continuous ribbons, max. 12-inch o.c.
VAPOUR BARRIER ⇨	None	N/A
DECK ⇨	OneDek® RD1, with min. 26 ga. steel 'skins', min. 2-in. thick x max. 40-in. wide structural insulated panels at max. 5 ft span. Panel joints perpendicular to structural members. Panels mechanically attached with five (5) Trufast #12 Purlin Fasteners and Trufast 2-in. Metal Seam Plates, equally spaced across the panel-width at each structural member.	
FASTENER POINT-LOAD ⇨	N/A	

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

CUSTOMER:	All Weather Insulated Panels	PUBLICATION DATE:	2024-04-17
DOCUMENT NO.	AWIP-AARS-1	REVISION NO.	0
TEST PANEL NO.	AWIP-D3	REEVALUATION DATE:	2027-04-17



Page 2 of 2

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:
2024-01-04	DRAFT	For customer review	RN
2024-04-17	FINAL	After customer review	RN

This report and the data contained therein is the sole property of NEMO|etc. and the named customer. This report shall not be reproduced outside NEMO|etc. except by the named customer without written permission by the named customer, in which case the report shall be reproduced in its entirety.

END OF REPORT

CSA A123.21