


Dynamic Wind Uplift Resistance CSA A123.21-2014 – Summary Document

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Reference Documentation:

CSA A123.21-2014 Report No: 20-06-B0096-4
Supplementary Report No.: 19-06-B0042-M RV2

Manufacturer:	IKO Industries Ltd.		IKO System Identification:
	40 Hansen Road South		
	Brampton, Ontario, Canada		
	L6W 3H4		AARS019

SECTION 1.0: Roof System Summary:

“IKO MOD-BIT ARMOURSTICK – WOOD DECK” – Adhesive Adhered Roofing System	
Roof Membrane – Cap Sheet:	IKO ArmourStick HD-Cap
Roof Membrane – Base Sheet	IKO ArmourStick HD-Base
Deck:	CSA 0121 - DFP/CSA 0151 - CSP exterior grade 4-ply Plywood 1220 x 2440 mm (4' x 8') 15.5 mm (5/8") minimum thickness, unsanded, sheathing grade (SHG), T&G

SECTION 2.0: System Dynamic Wind Uplift Resistance (DUR) Testing Details:

Test Date	Dynamic Wind Uplift Resistance (DUR) of tested specimen kPa (psf)	Dynamic Wind Uplift Resistance (DUR)* Rating (with 1.5X safety factor) kPa (psf)
August 6, 2020	10.8 (225)	7.2 (150)

Dynamic Wind Uplift Resistance Rating (DUR): 7.2 Pa (150 psf)

SECTION 3.0: Tested Product and Substitutable Products:

Roof Membrane (Cap Sheet)	
Tested Product	IKO ArmourStick HD-Cap
Product Size	Roll Width: 1 m (39.6"), roll Length 8 m (26.2'), 4.5 mm (0.18" Thick) with 90 mm (3.5") Overlap
Attachment Method	Self-adhered to base sheet
Substitutable Product(s)	
Manufacturer	Product Identification
IKO Industries Ltd.	ArmourStick PrevENT

Roof Membrane (Base Sheet)	
Tested Product	IKO ArmourStick HD-Base
Product Size	Roll Width: 1 m (39.6"), roll Length 10 m (33'), 2.5 mm (0.0984" Thick) with 90 mm (3.5") Overlap
Attachment Method	Self-adhered to substrate primed with IKO S.A.M. adhesive
Substitutable Product(s)	
Manufacturer	Product Identification
n/a	n/a

Note: This is not a comprehensive report but a summary of the performance results produced for the roof assembly documented herein tested in accordance to CSA A123.21-2014. Please refer to the reference documents stated on page 1, or consult the manufacturer, for detailed information pertaining to the test specimen configuration and construction.

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Accreditation: *Element is an ISO 17025 accredited test lab under International Accreditation Service "TL-407". In addition, CSA A123.21 can be found under our scope of accreditation listing.*

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