

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400

## **TEST REPORT**

Client :	Interface Australia Pty Ltd	Test Number	:	21-003827
	34 Airds Road	Issue Date	:	16/08/2021
	Minto NSW 2566	Print Date	:	16/08/2021
		Order Numbe	er:	139397

Sample Description Clients Ref :

"Progression I" - Loop Pile Carpet Plank

Compositon: 100% Solution Dyed Nylon 66, Nominal Mass: 1051g/m2 On a Glasbac Backing

## Test Method

Carpet Institute of Australian Environmental Certification Scheme incorporating ISO 10580: "Resilient, Textile and Laminate Floor Coverings: Evaluation of Volatile Organic **Compound Emissions**"

Carpet Institute of Australia Environmental Certification Scheme Spec.	Emission Factor Criterion (24 Hour) μg/m².h	Emission Factor Test Result (24 Hour) µg/m².h
Formaldehyde	<10	<1.3
Acetaldehyde	<20	<1.3
Vinyl Acetate	<400	<1.0
Benzene	<55	<0.5
Toluene	<280	<0.5
4-Vinyl cyclohexene	<85	<0.3
Xylenes	<50	1.4
Styrene	<410	<0.3
1-Methyl-2-Pryrrolidone	<300	<50.0
2-Ethyl-1-hexanol	<50	<2.0
Octanal	<24	<1.0
Nonanal	<24	<1.0
2-ethylhexanoic	<46	<25.0
Napthalene	<20	<0.50
Caprolactam	<120	<20.0
4-Phenylcyclohexene	<50	<0.3
Hydrocarbons (C10-C14)	<300	19.6
Total Volatile Organic Compound	<500	22.7

## Test specimen size

53201

245914

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Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY.

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Fiona McDonald APPROVED SIGNATORY



JACKSON B.Sc.(Hons) MANAGING DIRECTOR

800x250, 2 pieces mm

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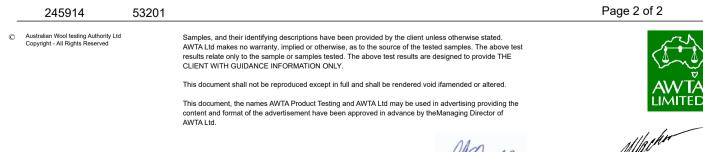
Client :	Interface Australia Pty Ltd 34 Airds Road Minto NSW 2566	Test Number : Issue Date : Print Date : Order Number:	21-003827 16/08/2021 16/08/2021 139397
	Test time		24 Hrs
	Test temperature		23 °C
	Test humidity		50 %
	Loading factor		0.4 m²/m³
	Air exchange		1 /h
	Seal and test	Sealed with aluminium foil, and the back side of test specimen was placed on an inert glass plate to determine the emission of upper surface	
	Date of Testing		16/08/2021

Remarks:

1. Formaldeyhde and acetaldehyde were detected using HPLC method with ultraviolet detector, whereas other VOC's substances were detected by Gas chromatography/Mass spectrometry method.

2. In this Gas chromatography/Mass spectrometry method, the scan mode of SIM was employed for caprolactum detection, and TIC for others.

Tested by AWTA-JSIC JinAo Testing Co Limited - China.



Fiona McDonald

