

Report Date: 10/15/24

Page 1 of 1

Selling Division	Shaw Contract	Reference Test Report	R-240715-104109
Style Number	5T627	Backing Type	EcoWorx
Style Name	Sheila Tile 24x24	Adhesive	Lokworx+ Carpet Tile

Test Method

Radiant Panel by ISO

ISO 9239-2010 Part 1 Measures smoke density at the same time

Test Overview

ISO 9239-2010.1 & AS ISO 9239.1- Three specimens sampled from the most critical manufacturing direction. They are installed on their intended end use (concrete or OSB boards). If an adhesive is required for installation, it will be conditioned for at least 96 hours. Three test specimens are evaluated. Testing is monitored for 30 minutes, burn distance is measured, and the Critical Heat Flux (CHF- kW/ m²) calculated. Results of the 3 similar directional tests produce the average CHF. Average % Obscuration * min (aka. Peak light Attenuation % * min) is also provided.

Test Results

Sample ID	Reviewed & Completed On	Results
S-240715-00183	08-26-2024	
Direction - Set of 3		Machine/Length
SpecDirection-Single		Across/Width
Critical Heat Flux kW/m ²		8.50
		8.82
		8.82
Cr Heat Flux Avg kW/m ²		8.71
Crit Heat Flux-Sngle kW/m ²		8.77
Heat Flux@30min kW/m ²		
Heat Flux@30min Avg kW/m ²		
Ht Flux@30min-Single kW/m ²		
PeakLightAttenuation %		18.3
		20.7
		22.3
PeakLtAtten-Avg %		20.4
PeakLtAtten-Single %		17.1
ISO Classification		B-FL CrFlux>=8.0 kW/m ²
Smoke Classification		s1=Smoke <=750% min

Result Interpretation

BS EN 13501 A1 Fire Classification are:

Class B = CRF >= 8.0 kWatts/m²

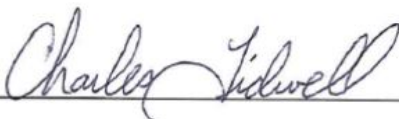
Class C = CRF >= 4.5 kWatts/m²

Class D = CRF >= 3.0 kWatts/m²

Smoke Classification are: S1 <= 750% and S2 > 750%

Deviation from Standard Test Method

N/A



Physical Lab Manager/ Technical Services Division

Note: This report shall not be reproduced except in full, without written approval from the laboratory.

By affixing the National Voluntary Laboratory Accreditation Program (NVLAP) Logo to the test report, Shaw's Central Laboratory indicates our accreditation to ISO / ICE 17025: 2017 by NVLAP. Our NVLAP Lab code is 1000193-0. Any statement of compliance is based on the shared risk acceptance rule in which uncertainty is not considered in the statement of compliance. This report is provided for the exclusive use of the client to whom it is addressed, and the results relate only to the material identified and tested. This report cannot be used by the client to claim product certification, approval, or endorsement by NVLAP or any agency of the federal government.



NVLAP Lab Code: 1000193-0