

Report Date: 3/28/24

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Selling Division	Shaw Contract	Reference Test Report	R-220429-88584
Style Number	5T492	Backing Type	Strataworx
Style Name	Centered	Adhesive	5000

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-220429-00004	06-08-2022	
Direction - Set of 3		Across
SpecDirection-Single		Machine
Critical Heat Flux watts/cm ²		1.09
		1.04
		1.03
Cr Heat Flux Avg watts/cm ²		1.05
Crit Heat Flux-Sngle watts/cm ²		1.09
Heat Flux@30min watts/cm ²		null
		null
		null
Ht Flux@30min-Single watts/cm ²		null
ISO Classification		B-FL CrFlux>/=8.0 kW/m2
Smoke Classification		s1=Smoke</=750% min

Result Interpretation

BS EN 13501 A1 Fire Classification are:

Class B = CRF >= 8.0 kWatts/m2

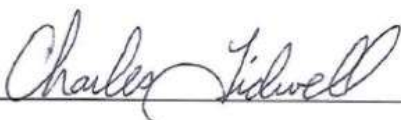
Class C = CRF >= 4.5 kWatts/m2

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

