

# Test Report

Original Issue Date: 2025-04-26

Intertek Report No. 250320004SHF-001

## Test Items, Method and Results:

### 2 RESULTS AND OBSERATIONS

Method	Parameter	Specimen 1	Specimen 2	Specimen 3	Average
EN 13823:2020+A1:2022	FIGRA <sub>0.2MJ</sub> , W/s	0	0	0	0
	FIGRA <sub>0.4MJ</sub> , W/s	0	0	0	0
	THR <sub>600s</sub> , MJ	0.215	0.074	0.043	0.111
	LFS < Edge of Specimen (Yes or No)	Yes	Yes	Yes	/
	SMOGRA, m <sup>2</sup> /s <sup>2</sup>	0	0	0	0
	TSP <sub>600s</sub> , m <sup>2</sup>	16.3	15.6	15.9	15.9
	Flaming Droplets/Particles occur within 600s (> 10s or ≤10s or No)	No	No	No	/

Method	Exposure conditions	F <sub>s</sub> ≤ 150 mm within 60 s (Yes/No)	Ignition of the filter paper (Yes/No)	
EN ISO 11925-2:2020 Exposure=30 s	Edge exposure	lengthwise 1	Yes	No
		lengthwise 2	Yes	No
		lengthwise 3	Yes	No
		crosswise 1	Yes	No
		crosswise 2	Yes	No
		crosswise 3	Yes	No
	Surface exposure	lengthwise 1	Yes	No
		lengthwise 2	Yes	No
		lengthwise 3	Yes	No
		crosswise 1	Yes	No
		crosswise 2	Yes	No
		crosswise 3	Yes	No

#### Note

1. Per EN 13823, the samples were free standing at a distance of 80mm from the backing board. Backing board was a 12mm thick calcium silicate board. The density of the calcium silicate board was 850kg/m<sup>3</sup>.

### 3 CLASSIFICATION

The classification has been carried out in accordance with EN 13501-1.

Fire behaviour	Smoke production			Flaming droplets	
B	-	s	1	-	d

Reaction to fire classification:

B- s1, d0