

Standard Carpets ind llc P.O. Box No. 490014 Dubai Industrial Park **DUBAI United Arab Emirates**

Your notice of 05-05-2023

Your reference

Date 07-07-2023

Analysis Report 23.02615.01

Required tests : AS ISO 9239-1 (2003)

Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Sample id	Information given by the client	Date of receipt
T2311224	ON THE ROCKS (100% SOLUTION DYED NYLON	05-05-2023
	CARPET TILE)	

Kristina De Temmerman Order responsible

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Reference: T2311224 - ON THE ROCKS (100% SOLUTION DYED NYLON CARPET TILE)

<u>Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant</u> <u>heat source</u>

Date of ending the test Standard used	06-07-2023 AS ISO 9239-1 (2003)
Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Test specimen

Substrate	Fibre cement board - density (1800 ± 200) kg/m ³
Mounting	Loose-laid
Specimens have not been cleaned	
Joint	At 25 cm and 75 cm

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Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux kW/m ²		
	10	20	30	Extin-		30 min*	Extin
	min	min	min	guish-			guishment**
				ment			
Width							
#1	24	24	24	24	13 min 45 s	8.6	8.6
Length							
#1	24	24	24	24	14 min 33 s	8.6	8.6
#2	25	36	44	53	62 min 28 s	4.5	3.3
#3	24	24	24	24	17 min 40 s	8.6	8.6
Average						7.2	6.8

* Heat flux at the time of 30 minutes** Heat flux at the time of flame extinguishment

Smoke production: Light attenuation

	Maxim	um (%)	Total (%.min)		
	30 min	Extin- guish- ment	30 min	Extin- guish- ment	
Width					
#1	30	30	149	146	
Length					
#1	24	24	131	129	
#2	33	33	157	157	
#3	26	26	135	133	
Average			141	140	

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