

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

Your notice of 12-07-2024

Your reference

Date 19-08-2024

Analysis Report 24.03838.01

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
T2414513	BENGHAZI (100% Solution dyed Nylon carpet)	12-07-2024

Kristina De Temmerman Order responsible

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Reference: T2414513 - BENGHAZI (100% Solution dyed Nylon carpet)

<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	06-08-2024 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

SubstrateFibre cement board - density (1800 ± 200) kg/m³MountingLoose-laidSpecimens have not been cleaned-100

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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			
Length							
#1	30	40	44	45	33 min 42 s	4.7	4.5
Width							
#1	31	37	42	46	53 min 17 s	5.0	4.4
#2	27	36	41	48	81 min 39 s	5.2	4.1
#3	27	36	40	46	59 min 16 s	5.4	4.4
Average						5.2	4.3

* 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	
Length					
#1	21	21	105	106	
Width					
#1	19	19	85	85	
#2	13	13	55	55	
#3	10	10	45	49	
Average			62	63	

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