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

Your notice of	**Your reference**	**Date**
24-07-2024		26-09-2024

Analysis Report 24.04055.01

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
T2415182	ENDURE (100% SOLUTION DYED NYLON CARPET)	24-07-2024

Kristina De Temmerman
Order responsible

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Reference: **T2415182 - ENDURE (100% SOLUTION DYED NYLON CARPET)**

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

Date of ending the test	16-09-2024
Standard used	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/m³
Mounting	Loose-laid
Specimens have not been cleaned	
Joint	At 25 cm and 75 cm

Radiant heat flux

	Flame spread distance (cm)				Flame time	Heat flux kW/m²	
	10 min	20 min	30 min	Extin-guish-ment		30 min*	Extin guishment**
Width							
#1	13	14	14	14	14 min 02 s	≥ 11.0	≥ 11.0
Length							
#1	18	25	25	25	23 min 25 s	≥ 11.0	≥ 11.0
#2	17	25	25	25	22 min 45 s	8.3	8.3
#3	18	24	24	24	21 min 06 s	8.5	8.5
Average						≥ 9.3	≥ 9.3

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

Smoke production: Light attenuation

	Maximum (%)		Total (%.min)	
	30 min	**Extin-guish-ment**	**30 min**	**Extin-guish-ment**
Width				
#1	11	11	41	41
Length				
#1	17	17	89	89
#2	14	14	71	71
#3	16	16	78	78
Average			79	79