



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

Your notice of
24-07-2024

Your reference

Date
26-09-2024

Analysis Report 24.04055.01

Required tests :

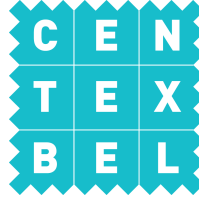
AS ISO 9239-1 (2003)

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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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



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/m ³ |
| 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 |