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BARENDRECHT

The Netherlands

Report

Project number: 89203785

Report number : 89203785.01br

Received:

A sample of floor covering, an entrance mat, marked as: "539 Gripwalker".

Identification parameters according to the applicant:

539 Gripwalker Name Mats of 122 x 200 cm Sample dimension

Extrusion Type of manufacturing

Type of use surface Uni, open wave design

Composition/ Used material 100% Vinyl

Total mass per unit area kg/m² 8.5* 11* Total thickness, mm

Colour Uni, grey

0041844 Roll number 148231 Order number

Production number * Verified by test laboratory: measured average thickness: 11.5 mm, measured weight: 8.6 kg/m²

539C0048GY

TÜV sample reference: MT13-37776.01.

Request:

Classification of burning behaviour according to EN 13501-1:2007:A1:2009.

Test method:

Ignitability (direct impingement of flame) : EN ISO 11925-2. Reaction to fire (radiant panel) : EN ISO 9239-1.

Results and conclusion:

See page two and three.

Appendix:

See page four up to and including eleven.

TÜV Rheinland Nederland B.V.

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Date

24th of June, 2013

Project number

89203785

Report number 89203785.01br

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Article

539 Gripwalker

Appendix

I: Flooring Radiant Panel Single Specimen Report - 8 pages

TRN applies General Terms & Conditions which are filed at the office of the Clerk for civil affairs at the Court in Zutphen (the Netherlands) under number 35/2010,

dated November 17th 2010.



TEST RESULTS

Date

24th of June, 2013

Project number 89203785

Report number 89203785.01br

Article

539 Gripwalker

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Ignitability test EN ISO 11925-2:2010.

Conditioning time, climate

: 1 days, 23 ± 2 °C and 50 ± 5 % R.H.

reached constant weight

Date of testing

: June 7th, 2013

Description of substrate

: 6 mm. Fibre cement board, 1800 kg/m³.

Flame application

: Surface.

Application time

: 15 seconds.

Direction:	In production		Across production			
Total burning time ¹ (15 s)	15	15	15	15	15	15
Flame tip reaches 150 mm (s)	no	no	no	no	no	no
Extent of damaged area, length (mm)	45	46	45	53	52	55
Extent of damaged area, width (mm)	10	10	10	10	10	10
Material melts (yes/no)	yes	yes	yes	yes	yes	yes
Shrinks away ² (yes/no)	no	no	no	no	no	no
Glowing ³ (sec)	no	no	no	no	no	no
Flaming debris (yes/no)	no	no	no	no	no	no
Ignition of filter paper (yes/no)	no	no	no	no	no	no

- 1 Inclusive a flame application time of 15 or 30 seconds with surface or edge impingement
- 2 Shrinks away from flame without being ignited
- 3 The time at which it occurs and its duration

Radiant Panel test ISO 9239-1:2010

Date of testing

: June 7 and 14, 2013

Conditioning time, climate

: 1 - 7 days, 23 ± 2 °C and 50 ± 5 %

Description of substrate

: Fibre cement board, 8±2 mm, 1800±200 kg/m³

conforming to EN 13238.

Sampling procedure

: By contractor.

Description of cleaning used

: None

Fixing method

: None

Test	Flame	CRF	Peak light	Smoke
specimen,	spread		attenuation	production
orientation	(cm)	(kW/m^2)	(%)	(%.min)
1. ↑	38.0	5.6	96.1	768
2. ⊥	38.0	5.6	96.5	789
3. ⊥	35.0	6.2	94.4	760
4. ⊥	37.0	5.4	95.7	785
Mean	36.7	5.8	95.5	778

Remarks: No flashing. transitory- or sustained flaming.

All tested specimen extinguished naturally.

Intense, heavy black smoke production observed.



CONCLUSION

According to EN 13501-1:2007+A1:2009 the tested sample of the aforementioned quality 539 Gripwalker meets the requirements of Class $C_0 - s2$.

Statements:

The test results only relate to the behaviour of the test specimens of the examined product under the particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. The method might not be suitable if the product is exposed to much larger flames or heat radiant sources.

The validity of this report will expire five years after its issue or directly after alterations or modifications of the examined product (combination)(s) and/or the criteria. This report shall not be reproduced. except in full. without the written approval of the testing laboratory.

Date

24th of June, 2013

Project number 89203785

Report number 89203785.01br

Article 539 Gripwalker

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Mrs. I. Pierik

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The results are based upon the samples received and have not to be representative for the total production. Besides TÜV Rheinland Nederland B.V. had no influence on the sampling.

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