



Confidential Report

Our Ref: 26/02264B/09/17

Notified Body
for PPE Directive,
Construction Products Regulation
& Marine Equipment Directive
I.D. No. 0338 & 0339



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Date: 4 October 2017
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Client: Kleen-Tex Industries GmbH
Munchner StraBe 21
A-6330 Kufstein
Austria

Job Title: Fire Test on One Sample of Entrance Matting

Client's Order No: ---

Date of Receipt: 22 September 2017

Description of Sample(s): One sample of entrance matting, referenced MD1000 Matrix Tile

Work Requested: We were asked to make the following test(s):

BS 6307 Methenamine Pill
BS 4790 Hot Metal Nut (Loose laid)

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited



TESTING • CERTIFICATION • AUDITING

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Client: Kleen-Text Industries GmbH

FIRE TESTS ACCORDING TO BS 6307:1982(2003)/DOC-FF-1-70

Determination of the effects of a small source of ignition on textile floor coverings (Methenamine tablet test)

Eight specimens from the sample were dried in an oven at 105°C for two hours and then allowed to cool in a desiccator prior to testing. Each specimen was tested in accordance with the above standard.

On each specimen, the maximum damaged radius to the nearest mm and maximum flame spread time in seconds were measured.

Maximum flame spread time (s)

180
200
190
183
180
170
168
180

Maximum damaged radius (mm)

8
8
9
9
10
9
10
11

Note

Each specimen was tested loose laid over a 12mm calcium silicate non combustible backing board.

The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Comments

In our opinion, based on the test carried on the sample supplied; the results indicate all the specimens meet the requirements allowed for individual specimens, of the damaged area not extending to within 1 inch of the edge hole of the 9 inch x 9 inch steel plate frame. Also the sample meets the requirement of seven out of the eight specimens being within the above limits.



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Client: Kleen-Tex Industries GmbH

FIRE TESTS ACCORDING TO BS 4790:1987 (2014)

Determination of the effects of a small source of ignition on textile floorcoverings, (Hot Metal Nut Method)

Date of test: 03/10/2017

Procedure

The composite sample of carpet and underlay was tested according to the above standard. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard by BTTG.

Requirements

The results were classified according to BS 5287:1988 (2014) - 'Assessment and Labelling of Textile floorcoverings tested to BS 4790' The full descriptions of the classifications, abbreviated to low, medium or high in the table of results, are as follows:-

low radius of effects of ignition (up to 35mm)

medium radius of effects of ignition (40 to 75mm)

high radius of effects of ignition (80mm or over).

Results

Duration of Flaming (s)	Greatest radius of char		Glowing (s)	Class
	Face (mm)	Back (mm)		
200	30	No Mark	10	Low
280	65	No Mark	11	Medium
540	115	No Mark	6	High

Note

The test results relate only to the behaviour of the test specimens after application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire.



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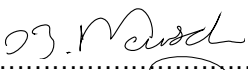
Client: Kleen-Tex Industries GmbH


Comments

The test was carried out on the sample loose laid onto 6mm calcium silicate non-combustible backing boards, in accordance with mounting method 1.

Please note that a high classification is the worst result and a low classification is the best result. Also the end result is based on the worst specimen of the three specimens tested.

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.

Reported by:.....  B Marsden (Mrs), Fire Technician

Countersigned by:.....  P Doherty, Operational Head

Enquiries concerning this report should be addressed to Customer Services.



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Uncertainty Budget - Annex

The overall uncertainty budget for both BS 4790:1987 (2014) is as follows:-

Measurements: $\pm 5\text{mm}$