Jigsaw
RUBBER MATTING

PRODUCT TEST DOCUMENTATION

Cosmo Fire Test

Supplied by Jigsaw Rubber Matting, a trading name of Jigsaw Industrial Ltd.

The original manufacturer or independent laboratory report follows in full. Its issuer, applicant, test results and original references have been retained. Jigsaw Rubber Matting is the retailer, not the testing body.

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TEST REPORT 15-849

Received on 16/09/2015

Aim of the test :

Determination of resistance to fire

Test conditions :

Fire Behaviour

Standard:	**EN ISO 9239-1 (2010)***
Method:	Before the test the samples are **not cleaned**. A floorcovering is put on **(loose laid)** to a fibre cement board. During the test, the specimen is irradiated by a gas radiator at an angle of 30°. A small flame is used to ignite the specimen. The specimen is ignited during 10 minutes. In case of inflammable specimens, the test lasts until the flame is extinguished, but 30 minutes at the most. The criterion is the burned length, from which the critical radiant flux is deduced using a calibration curve.
Number of tests:	4
Measurement uncertainty:	The relative reproducibility for 3 repetitions is 13% for the flux, 59% for the smoke development.
Conditioning samples:	23 ± 2 °C and 50 ± 5 % R.H.

The tests were performed in week 40/2015

The test results only apply to materials that correspond to the tested sample. Forgery will be legally prosecuted, just like partial reproduction without prior written permission . Tests that are marked *are accredited. Advices and interpretations are not covered by the accreditation.
The department of Textiles is Notified laboratory n°1611 for the European Products Regulation N° 305/2011.

BELAC ISO/IEC17025 055-test

OBTAINED RESULTS

Specimen number	1 Length	2 Width	3 Width	4 Width	Average Specimens 2,3,4
Flame spread after 10 min (mm)	220	240	220	230	
Flame spread after 20 min (mm)	330	350	345	340	
Flame spread after 30 min (mm)	430	430	425	430	
Flame spread at extinction (mm)	430	430	425	430	
Flame time	30min 0s	30min 0s	30min 0s	30min 0s	
Heat flux at 30min (kW/m^2)	4.9	4.9	5.0	4.9	4.9
Total smoke production at end of test (%.min)	669	738	657	763	719

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ENCLOSURE TO REPORT 15-849

Classification according to EN 13501 –1 (2007 + A1: 2009)*

Classification	EN ISO 11925-2 (ignition time = 15 s)	EN ISO 9239-1 (test period = 30 min)	CLASS
B_{fl}	Fs ≤ 150 mm in 20 s	Critical flux ≥ 8.0 kW/m²	
C_{fl}	Fs ≤ 150 mm in 20 s	Critical flux ≥ 4.5 kW/m²	**X**
D_{fl}	Fs ≤ 150 mm in 20 s	Critical flux ≥ 3.0 kW/m²	
E_{fl}	Fs ≤ 150 mm in 20 s	No demand	
F_{fl}	No demand	No demand	

Additional classification smoke development according to EN 13501-1 (2007 + A1:2009)*

		CLASS
Smoke development ≤ 750%.min	s1	**X**
Smoke development > 750%.min	s2	