

Ignitability test for polyurethane foam in slab form according to Schedule 1 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989, 1993 and 2010 (SI 1988/No.1324, SI 1989/No.2358, SI 1993/No.207, SI 2010/No 2205)

Sample Identification

A polyurethane foam described by the customer as:
T40/P CM

Test result

The following test result relates only to the ignitability of the combination of upholstery composites under the particular conditions of test; it is not intended as a means of assessing the full potential fire hazard of the materials in use.

This sample of foam PASSED the test specified in Schedule 1 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (amended 1989, 1993 and 2010).

Conditioning

5 days at 20 ± 5°C and 50 ± 20%rh.

Procedure

The test, based on BS 5852: Part 2:1982, was carried out as described in Schedule 1 Part I of the Regulations using ignition source 5. A separate test assembly was used for each application.

Details of observations

Source application number	1	2
Progressive smouldering ignition:		
Unsafe escalating combustion occurred	No	No
Smouldered until essentially consumed	No	No
Smouldered to extremities	No	No
Smouldered through full thickness	No	No
Time to cessation of smoke, heat or glowing (60 minute limit)	7 minutes 24 seconds	7 minutes 47 seconds
Flaming ignition:		
Unsafe escalating combustion occurred	No	No
Flamed until essentially consumed	No	No
Flame front reached extremities	No	No
Flame front passed through full thickness	No	No
Time to flames self-extinguishing (10 minutes allowed)	3 minutes 28 seconds	3 minutes 29 seconds
Weight loss (g)	23	26

Testing by: T. Notley on 17th December 2013
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FUR0220647.5
Date: 17th December 2013

Signed:

