

Customer details: Foam Construction AB  
Svarvaregatan 5  
233 51 Svedala  
Sweden

SATRA reference: FUR0225259 /1421

Your reference:

Date of report: 27 May 2014

For the attention of: Jan Carlsson

Samples received: 23 May 2014

## TECHNICAL REPORT

Subject: Flammability testing of a foam described as "CMHR PUR-foam" to Schedule 1 Part I.

### Conditions of Issue:

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Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Tom Notley  
Position: Furniture Technologist  
Department: Furniture Department



**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:  
CMHR PUR-foam

## 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

4 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
<b>Progressive smouldering ignition:</b>		
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 37 seconds	7 minutes 51 seconds
<b>Flaming ignition:</b>		
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 3 seconds	3 minutes 44 seconds
Weight loss (g)	21	28

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Issue Date: 1st October 2009

