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Mousse Am 86

Firm: Sandella Fabrikken AS
PO Box 160
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NORWAY

For the attention of: Mr I Eliassen

Technical Services Report

Subject: IGNITABILITY TEST
Our ref: 60560/0525/FUR-O/S/JMS/JPR
Your ref: Sandella Sverige 1376
Date: 22nd June 2005

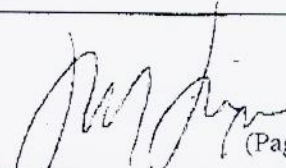
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Technical Services Report



Mousse hm 86

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 and 1993, (SI 1988/No.1324, SI 1989/No.2358, SI 1993/No.207)

Sample Identification

A urethane foam identified by the client as:

Sandella Sverige 1376

The sample was tested in combination with the flat woven FR polyester fabric defined in Schedule 1 Part I of the Regulations.

Conditioning

5 days at $20 \pm 5^\circ\text{C}$ and $50 \pm 20\%rh$.

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.

Results and observations

The following test results relate only to the ignitability of the combination of upholstery composites 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.

First application: The flames self-extinguished after 3 minutes 19 seconds and smouldering ceased after 7 minutes 16 seconds. The flames did not penetrate the full thickness of the foam.

Mass loss: 21g

Second application: The flames self-extinguished after 2 minutes 30 seconds and smouldering ceased after 6 minutes 26 seconds. The flames did not penetrate the full thickness of the foam.

Mass loss: 23g

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

Testing and report by T Notley on 22/6/05
Sandella Fabrikken AS
60560/0525/FUR-O/S/JMS/JPR
22nd June 2005

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Signed: J M Shipman
Business Area Manager
Furniture Technology Centre