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laboratorio prove settore legno-arredo

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LAB N° 0027
Membro degli Accordi di Mutuo Riconoscimento
EA-TAF e ILAC

TEST REPORT

132312 / 1

Date received: 16-09-11
Date of test: 21-09-11
Date of issue: 22-09-11

Sample name: Mobile imbottito Rivestimento Nemofire

ALFATEX ITALIA S.R.L.
VIA LIGURIA, ZONA PIP
70029 SANTERAMO IN COLLE (BA)
ITALIA

Ignitability of upholstered seating BS 5852:2006 (Clause 11 Crib 5)

This test is referred to in BS 7176:2007 (Medium hazard).

Description of tested materials as declared by the client

Cover material

Nemofire, composition 44 % CO - 56 % PL, mass per unit area 660 g/m².

The cover has been treated with a fire-retardant chemical, the exposed surface of the cover was tested.

Filling material (supplied by Laboratory as requested by the client)

Polyurethane foam CM 25 produced by Orsa Foam S.p.A. Company, density 25 kg/m³.

Pre-treatment

The cover has been subjected to the water soaking and drying procedure (Annex E) prior to being conditioned has set out in Clause 10.1.2.

Conditioning

At least 96 hours at 23 ± 2 °C temperature and 50 ± 5 % relative humidity.

Requirements

BS 5852:2006, Clause 11.

Test results

Application	Duration of flames from start of test	Duration of smouldering after 60 min.	Other requirements of Clause 11	Comments	Result
N. 1	4 min 03 s	No (duration 3' 15")	Pass	/	Pass Clause 11, NI/5
N. 2	3 min 57 s	No (duration 2' 47")	Pass	/	Pass Clause 11, NI/5

The uncertainties of measurement extended to a 95 % level of confidence (coverage factor k=2) are ± 0,2 seconds and ± 0,6 mm.

The above tests results relate only to the ignitability of the combination of upholstery composites (Clause 11 of BS 5852:2006) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

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