

TEST REPORT

168220 / 3

Date received: 27-11-13
Date of test: 04-12-13
Date of issue: 04-12-13

Sample name: UPHOLSTERY COVERED WITH BUCK

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

This test is referred to in BS 7176:2007 + A1:2011 (Medium hazard).

Description of tested materials as declared by the client

Cover material

Coated fabric BUCK col. 4G5 Batch 2013000086675, composition 67 % PVC PU - 33 % CO, mass per unit area 610 g/m².

The cover has not 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)

Flame Retardant polyurethane foam (Crib 5), density 25 kg/m³.

Pre-treatment

The cover has not been subjected to the water soaking and drying procedure (Annex E).

Conditioning

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

Requirements

BS 5852:2006, Clauses 4.1.1 and 4.2.1.

Test results

Application	Duration of flames	Duration of smouldering	Other requirements of Clauses 4.1.1 and 4.2.1	Comments	Result
N. 1	3 min 45 s	3 min 27 s	Pass	/	Pass Clause 11, NI/5
N. 2	3 min 22 s	3 min 06 s	Pass	/	Pass Clause 11, NI/5

Note: times recorded from start of test.

The uncertainties of measurement of input quantities, extended to a 95 % level of confidence (coverage factor k=2), are ± 0,2 seconds and ± 0,4 mm.

The above test 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.

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