

TFT

(Ilkley) Ltd.

The Sidings Business Park, SKIPTON, North Yorkshire, BD23 1TB
Phone or Fax 01756 792525

Office: 30 Alexandra Crescent, ILKLEY, West Yorkshire, LS29 9ER. Phone or Fax 01943 603459

Reg. No. 3168606. VAT No. 659 9604 77



TEST CERTIFICATE

No. F11178/3

Testing to BS 5852 : 2006, Methods of Test for the Assessment of the Ignitability
of Upholstered Seating by Smouldering and Flaming Ignition Sources

SAMPLE INFORMATION

Client Kobefab International BV, De Vest 62, 5555 XP Valkenswaard, The Netherlands
Fabric Reference Terbium
Dimensions 150cm by full width (145cm)
Date Received 20.05.11
Pre-treatment Water soaking & Drying according to Annex E.
Conditioning BS 5852 : 2006, Clause 10.

TESTING

Following the pre-treatment described above, the material was conditioned and tested according to BS 5852 : 2006, Methods of Test for the Assessment of the Ignitability of Upholstered Seating by Smouldering and Flaming Ignition Sources, Clause 11, using Ignition Source 5.

The results relate only to the ignitability of the combinations of upholstery composites (Clause 11) under the particular condition of test stated; they are not intended as a means of assessing the full potential fire hazard of the item in use.

COMBINATION OF MATERIALS

The sample was tested over combustion modified foam with a density of approximately 35kg/m³, reference Recticel RS 35H.

RESULTS

Specimen No.	1	2
Duration of flaming of ignition source (min)	3'19	3'41
Duration of flames (min)	4'11	4'37
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	180	170
- length (mm)	115	92
- depth (mm)	25	25
Extent of damage of vertical component		
- width (mm)	180	165
- depth (mm)	30	35
Progressive smouldering >100mm from ignition source	No	No
Result	Non-ignition	Non-ignition

CONCLUSION

Since both the specimens showed Non-ignition, the combination of materials is designated as BS 5852 : 2006, Rating NI/5. This Rating represents a pass for Crib 5.

Mr J Firth

Technical Manager

END OF REPORT

#=Subcontracted to a UKAS accredited Test House.

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TEST CERTIFICATE

No. F11178/2

Testing to S.I. No 1324:1988 (as amended), The Furniture and Furnishings (Fire) (Safety) Regulations
- Schedule 4, Part I, 'The Cigarette Test' and
Schedule 5, Part I, 'The Match Test' using BS 5852 : Part 1 : 1979

SAMPLE INFORMATION

Client	Kobefab International BV, De Vest 62, 5555 XP Valkenswaard, The Netherlands
Fabric Reference	Terbium
Dimensions	200cm by 146cm
Date Received	20.05.11
Pre-treatment	Water soak according to BS 5651 : 1978, Clause 4 (as amended by the above regulations), line dried.
Conditioning	BS 5852 : 1979, Clause 7

TESTING

The material was tested according to BS 5852 : Part 1 : 1979 Methods of test for the ignitability by smokers' materials of upholstered composites for seating.

The results of BS 5852 : Part 1 : 1979 relate only to the combinations of materials 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.

COMBINATION OF MATERIALS

The sample was tested for Schedule 4, Part I, 'The Cigarette Test', over non-combustion modified foam with a density of approximately 35kg/m³, reference RB35H.

The Appendices of BS 7176:1995 predict that when tested over any melamine based combustion modified foam filling the result will be equal to or better than that obtained with the RB35H foam mentioned above.

The sample was tested for Schedule 5, Part I, 'The Match Test', over non-fire retardant polyurethane foam with a density of 20 - 22kg/m³ as specified in the above Regulations.

CONCLUSION

The sample received meets the requirements of Schedule 4, Part I, 'The Cigarette Test' of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. 1324.

The sample received meets the requirements of Schedule 5, Part I, 'The Match Test' of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. 1324.

Mr J Firth
Technical Manager

END OF REPORT

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