

TEST CERTIFICATE

No. F17881/1B

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 **Bancroft Soft Furnishings**
Fabric Reference **Toledo, Coated by: PWG. Approx fabric weight: 498g/m2**
Dimensions **120cm by 143cm (Full width)**
Date Received **13/11/2017**
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 36 kg/m³, Carpenter RX36125.

RESULTS

Specimen number	1	2
Duration of flaming of ignition source (min)	3'52	3'32
Duration of flames (min)	3'54	3'32
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	103	111
- length (mm)	73	74
- depth (mm)	46	42
Extent of damage of vertical component		
- width (mm)	116	117
- depth (mm)	52	45
Progressive smouldering >100mm from ignition source	No	No
Result	Pass	Pass

CONCLUSION

Since both specimens showed non-ignition, the combination of materials is designated as BS 5852 : 2006, Rating NI5. This Rating represents a Pass for Crib 5.



Mr J Firth
Technical Manager
END OF REPORT