

TEST CERTIFICATE

No. F18105/2A

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 **Agua Fabrics Limited, Acre House, 11/15 William Road, London, NW13ER**
Fabric Reference **Stretch Black Deneme 01087**
Dimensions **200cm by 139cm (Full width)**
Date Received **8/2/2018**
Pre-treatment **None - the fabric was stated to be inherently flame retardant**
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)	3'56"	4'53"
Duration of flames (min)	3'56"	4'53"
Duration of smoke (min)	8'	8'
Extent of damage of horizontal component		
- width (mm)	116	118
- length (mm)	73	73
- depth (mm)	31	29
Extent of damage of vertical component		
- width (mm)	114	102
- depth (mm)	31	30
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