

TEST CERTIFICATE

No. F20101/1

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 **Mario Sirtori S.p.A. Via Papa Giovanni XXIII
Via Papa Giovanni XXIII, 10, 23845 - Costamasnaga (LC) - Italy**

Sample type **Fabric**

Details supplied by the client **Alpaca/R, 39% Co, 28% Wp, 11% Pl, 9% Wv, 7% Pa, 6% Vi**

Fabric weight **Approximately 801 g/m²**

Dimensions **300cm by 141cm (Full width)**

Date received **17/2/2020**

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 following 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)	2'37	2'45
Duration of flames (min)	3'41	3'20
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	94	87
- length (mm)	62	54
- depth (mm)	30	34
Extent of damage of vertical component		
- width (mm)	94	82
- depth (mm)	37	40
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, Rati



Mr J Firth
Technical Manager
END OF REPORT