

TEST CERTIFICATE

No. F20203/1

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 **Lama/R. Composition: 65% WO, 15% WP, 20% PA**

Fabric weight **Approximately 532 g/m²**

Dimensions **150cm by 146cm (Full width)**

Date received **4/5/2020**

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)	2'55	2'48
Duration of flames (min)	3'42	4'02
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	85	87
- length (mm)	67	66
- depth (mm)	22	21
Extent of damage of vertical component		
- width (mm)	82	81
- depth (mm)	27	34
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