

TEST CERTIFICATE

No. F21236/6

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**
B.V.Vest 62, 5555 XP, Valkenswaard, 5550 AG, The Netherlands.

Sample type **Fabric**

Details supplied by the client **Osmium FR, 71% Pan, 27% Pes, 2% Co, Project: 2157**

Fabric weight **Approximately 907 g/m²**

Dimensions **400cm by 145cm (Full width)**

Date received **14/6/2021**

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)	3'03	2'46
Duration of flames (min)	6'34	5'11
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	194	164
- length (mm)	72	66
- depth (mm)	34	43
Extent of damage of vertical component		
- width (mm)	214	204
- depth (mm)	63	61
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

U or UU indicates a test result within our estimate of uncertainty of the specification limit - see the report appendix for more information.
#=Subcontracted to a UKAS accredited Test House. The results on this test report only relate to the specimens tested above.



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Technical Manager
END OF REPORT