Commercial Blinds

Midnight, Moire, Badger, Black-out FR

CI/SfB 1976 reference by SfB Agency		
	(76.7)	X

AFFINITI™
BLINDS FOR LIVING

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Fabric Performance Data

Fabric Colour	Solar T%	Solar R&	Solar A%	Optical T%	Optical R%	Optical A%	Colour Fastness	Fabric Weight g/m2	Fabric Thickness mm
Midnight Beige	0	58	42	0	69	31	7	340	0.25-0.33
Midnight Black	0	5	95	0	5	95	7	340	0.25-0.33
Midnight Cream	0	63	37	0	76	24	7	340	0.25-0.33
Midnight Grey	0	48	52	0	55	45	7	340	0.25-0.33
Midnight White	0	75	25	0	86	14	7	340	0.25-0.33
Midnight Cranberry	0	16	84	0	8	92	7	340	0.25-0.33
Midnight Navy	0	20	80	0	7	93	7	340	0.25-0.33
Moire Alabaster	0	60	40	0	74	26	7	340	0.25-0.33
Moire Warm Beige	0	56	44	0	69	31	7	340	0.25-0.33
Moire Winter White	0	73	27	0	89	11	7	340	0.25-0.33
Badger Putty	0	65	35	0	76	24	7	340	0.25-0.33
Badger Sand	0	35	65	0	39	61	7	340	0.25-0.33

T% - Transmitted R% - Reflected A% - Absorbed

Fire Regulations

This fabric meets with fire regulations specified by European standards.
The fabric has either been woven with non-flammable fibre glass, Trevira CS or impregnated/coated with fire retardants. Details of the standards are given below;

BS 5867 Part 2 Type B (British)
In accordance with BS 5438: 1976 test method 2. Textile Fabrics & Fabric Assemblies subjected to a small igniting flame.

M1 Standard (French)
In accordance with NF P 92 - 503. The test is particularly hard on synthetic fabrics like fibreglass and polyester.

B1 Standard (German)
In accordance with Din 4102-B1. The test is particularly hard on natural fabrics.

Technical Performance

Architects and design engineers use the solar and optical properties of fabrics to assist in the design of temperature control systems within buildings.
The installation of window blinds can be more cost effective than installing an air conditioning system, to control the heat within a building.
The installation of suitable window blinds can reduce the glare within a building, which is particularly relevant where computers are used intensively. There are legal obligations stated in the health and safety regulations for areas with display screen equipment (i) (ii) require that 'windows shall be fitted with a suitable system of adjustable covering to attenuate the daylight that falls on the workstation.'

Colour Fastness

The colour fastness indicates the stability of the fabric's colour after subjection to natural light.
Measeured against a scale of 1-8.
Where 1 is poor and 8 is good.
British Standard = 4

Technical Properties

The technical properties are given for each fabric colour including: Solar & Optical Transmission, Reflectance and Absorption.

Solar & Optical Transmission
The ratio of the amount of total solar or optical energy allowed to pass through a glazing system and blind to the amount of total solar or optical energy falling onto the glazing system.

Expressed as a percentage or decimal portion of a total unit of 1. For example, if half the total solar or optical energy transmits through a glazing system its solar or optical transmittance would be expressed as 50% or 0.50.

Solar & Optical Reflectance
The ratio of the amount of total solar or optical energy which is reflected outward by a glazing system to the amount of total solar or optical energy falling on the glazing system. Expressed as a percentage or decimal portion of a unit of 1.00.

Solar & Optical Absorption
The ratio of the amount of total solar or optical energy absorbed by a glazing system to the amount of total solar or optical energy falling on the glazing system. Expressed as a percentage or decimal portion of a total unit of 1.00.
Absorption = 1.00 - (transmittance + reflectance)

Foot notes:
(i) In response to the EU DIRECTIVE 90/270 passed in 1990, which deals with daylight regulation at the office environment. Foundation for legislation in European countries.
(ii) Department of Employment The health and safety (display screen equipment) regulations 1992. Statutory Instrument 1992 No 2792. London, HMSO, 1992.

APPROVED SUPPLIER:

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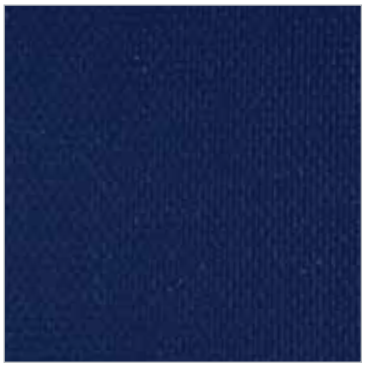
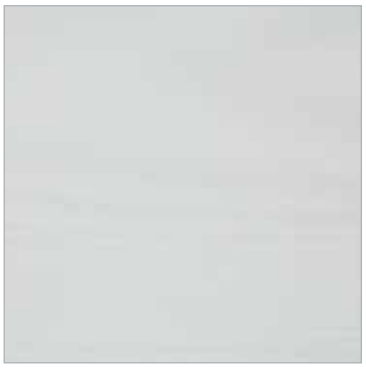

Navy

Grey

Beige

Warm Beige

Cranbury


Winter White

Alabaster

Cream

White

Sand

Black

Putty

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Colour Range	12
Louvre Widths Available	89mm (3.5”) 127mm (5”) 240mm
Roller Blind Width	1800mm
Fabric Composition	Polyesyter/PVC
Fabric Weights	340g/m^2
Flammability Standards	M1 Standard (French)
Colour Fastness	7
Availability	On Stock
Fabric Samples	Available on request

Features

FR Certification: M1Standard (French)

Suitable for Moist Conditions

Suitable for Computer Environments

Available as Roller & Vertical

Blackout

Wipe Clean

Colour reproduced here may vary from the actual colours due to the limitations of the limitations od the printing process. Great care has been taken to ensure that the fabric swatches and the information supplied are correct, however specifiers and customers are advised to check the suitability of materials before use.

LARGER SAMPLES ARE AVAILABLE ON REQUEST

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