



Commercial Blinds Polyscreen FR



CI/SfB 1976 reference by SfB Agency

(76.7)

X

AFFINITY™
BLINDS FOR LIVING

Polyscreen FR Fabric Performance Data

Fabric Colour	Solar			Optical			Colour Fastness	Fabric Weight g/m ²	Fabric Thickness mm
	T%	R%	A%	T%	R%	A%			
Beige/White	14	55	31	14	55	31	8	423.4	0.55
Grey/White	12	44	44	12	44	44	8	423.4	0.55
White	20	66	14	20	66	14	8	423.4	0.55

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.

Measured 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:

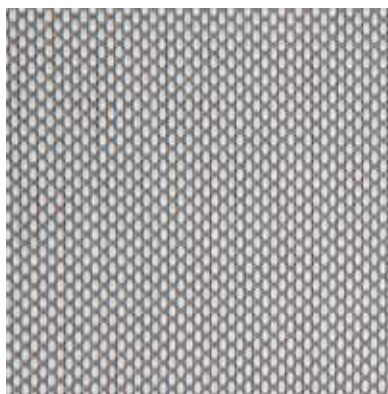
(i) In response to the EU DIRECTIVE 90/270 passed in 1990, which deals with daylight regulation at the office environment. Foundation for legislation in European countries.

(ii) Department of Employment The health and safety (display screen equipment) regulations 1992. Statutory Instrument 1992 No 2792. London, HMSO, 1992.

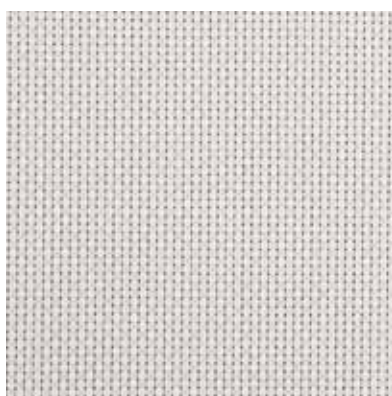
APPROVED SUPPLIER:



Beige/White



Grey/White



White



Polyscreen FR

Colour Range	3
Louvre Widths Available	89mm (3.5") 127mm (5")
Roller Blind Max Width	3000mm
Fabric Composition	100% Polyester
Fabric Weights	423.4 g/m ²
Flammability Standards	M1
Colour Fastness	8
Availability	On Stock
Fabric Samples	Available on Request



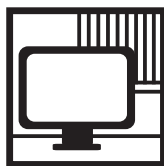
Features



FR Certification:
M1 Standard
(French)



Suitable for
Moist Conditions



Suitable for
Computer
Environments



Available as
Roller & Vertical



Dimout



Wipe Clean



Colour reproduced here may vary from the actual colours due to the limitations of the limitations of 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