

MATRIX

FLAME RETARDANT BLACKOUT FABRICS

MATRIX



MONOCHROME



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2.1m 2053594A
89mm 2053594D



FLAX

2.1m 2053928A
89mm 2053928D



HESSIAN

2.1m 2053440A
89mm 2053440D



CALICO

2.1m 2053112A
89mm 2053112D



REED

2.1m 2053862A
89mm 2053862D

BLACKOUT

LUXURY WEAVE

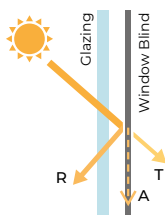
ROLLER

AND VERTICAL

| Specifications | Matrix |
|------------------------------|---|
| Colour Range | 5 |
| Dim Out | Blackout |
| Composition | 100% Polyester |
| Exterior Colour | White |
| Roller Width | 2.1m |
| Roller Roll Length | 20m |
| Vertical Louvre Widths | 89mm |
| Vertical Roll Length | 100m |
| Weight | 426g/m ² |
| Thickness | 0.72mm |
| Blind Types | Roller, Panel, Vertical |
| Colour Fastness (scale of 8) | 3-8 - BS EN ISO 105-B02-2014 |
| Flammability Standard | BS 5867 Part 2 Type B |
| Environmental Certification | OEKO-TEX® SteP |
| | Greenshield - VOC Safe Fabrics |
| Cleaning | Not suitable for cleaning with a damp or wet cloth. |

Solar, Optical & Colour Fastness Properties

| | Solar | | | Visual | | | UV Block | CF | DP | SC - EN 14501 | | | | | Gtot | | | | |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|----|----|---------------|------|------|------|------|------|------|------|------|------|
| | R _s | A _s | T _s | R _v | A _v | T _v | | | | A | B | C | D | E | A | B | C | D | E |
| Calico | 74 | 26 | 0 | 82 | 18 | 0 | 100 | 7 | 2 | 0.32 | 0.36 | 0.38 | 0.28 | 0.37 | 0.28 | 0.32 | 0.33 | 0.24 | 0.32 |
| Flax | 74 | 26 | 0 | 82 | 18 | 0 | 100 | 3 | 2 | 0.32 | 0.36 | 0.38 | 0.28 | 0.37 | 0.28 | 0.32 | 0.33 | 0.24 | 0.32 |
| Hessian | 74 | 26 | 0 | 82 | 18 | 0 | 100 | 4 | 2 | 0.32 | 0.36 | 0.38 | 0.28 | 0.37 | 0.28 | 0.32 | 0.33 | 0.24 | 0.32 |
| Monochrome | 74 | 26 | 0 | 82 | 18 | 0 | 100 | 8 | 2 | 0.32 | 0.36 | 0.38 | 0.28 | 0.37 | 0.28 | 0.32 | 0.33 | 0.24 | 0.32 |
| Reed | 74 | 26 | 0 | 82 | 18 | 0 | 100 | 7 | 2 | 0.32 | 0.36 | 0.38 | 0.28 | 0.37 | 0.28 | 0.32 | 0.33 | 0.24 | 0.32 |



Solar Gain: The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.

R: % of reflected heat and light.
A: % of absorbed heat and light.
T: % of transmitted heat and light.

UV Block: the % of UV light blocked by the fabric.

Colour Fastness (CF): Scale of 8, BS EN ISO 105-B02-2014.

Darkening Performance (DP): Scale of 0-4.
 0: lowest opacity
 4: highest. A rating of 4 indicates the product is completely opaque with no pinholes or light transfer.

Please note: Blackout fabric does not create total darkness. As a blind there will be lightstrike around the blind edges.

Shading Co-efficient (SC): The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, the higher the efficiency of the fabric.

Gtot: Amount of heat entering through the glazing and shading combined.

Glazing system (EN 410)
 A: Clear Single Glazing.
 B: Clear Double Glazing.
 C: Clear Double Glazing Low Emissivity.
 D: Solar Control Double Glazing Low Emissivity.
 E: Triple Glazing.

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