

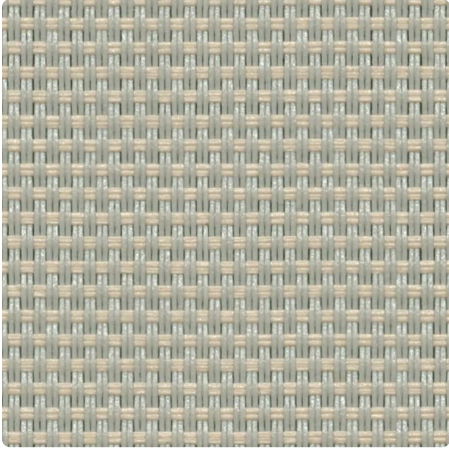
MERMET

ESSENTIALS

SCREEN VISION 3

Basket weave fabric combining visual and thermal comfort

COLOUR 00070004 Pearl Linen



| | |
|--|------------------|
| WIDTH(S) | 200, 250, 320 cm |
| DENSITY | 3% |
| VISUAL COMFORT - PEARL LINEN | |
| Glare control | 0 |
| View through | 1 |
| Privacy | 2 |
| Daylight | 2 |
| THERMAL COMFORT WITH GLAZING F | |
| Class interior | 1 |
| THERMAL AND VISUAL PROPERTIES | |
| Solar Reflectance Rs | 40,0% |
| Solar Transmittance Ts | 15,5% |
| Interior g-tot - Glazing F | 0,433 |
| Visual Transmittance Tv | 0,130 |
| Diffuse Visual Transmittance Tv _{n-dif} | 0,094 |
| Direct Visual Transmittance Tv _{n-n} | 0,036 |

ABOUT THIS RANGE



Discover our top-rated interior solar shading fabrics: Unmatched quality, proven performance, and widely acclaimed as the most popular choice. Elevate your space with superior solutions!

SCREEN VISION 3

- ✓ Basket weave fabric that combines visual comfort with transparency
- ✓ Good glare control with dark colours
- ✓ Optimum thermal comfort with light colours
- ✓ 3 other densities to enhance solar shading based on building orientation
- ✓ Economical: 3 width sizes (up to 320cm) to reduce waste in the manufacturing of fabric panels

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

| | Average value | Standard |
|--|---------------------------|-------------|
| Weighted composition | 36% Fibreglass - 64% PVC | |
| Weaving pattern | Natté 2x2 | |
| Width(s) | 200, 250, 320 cm | |
| Roll length (nominal) | Rolls of 33 lm | |
| Surface mass (weight) | 385 g/m ² ± 5% | ISO 2286-2 |
| Thickness | 0.48 mm ± 5% | ISO 2286-3 |
| Colour fastness to artificial light (scale of 8) | ≥ 7/8 (white not graded) | ISO 105 B02 |

MECHANICAL PROPERTIES

| | Average value | Standard |
|----------------------------|---------------|---------------------|
| Breaking strength - Warp | >180 daN/5 cm | ISO 1421 |
| Breaking strength - Weft | >100 daN/5 cm | ISO 1421 |
| Elongation at break - Warp | <5% | ISO 1421 |
| Elongation at break - Weft | <5% | ISO 1421 |
| Tear strength - Warp | ≥5 daN | ISO 4674-1 method 2 |
| Tear strength - Weft | ≥3 daN | ISO 4674-1 method 2 |

FIRE CERTIFICATES

| | | Standard |
|----------------|------------|-------------------|
| France | M1 | NF P 92-507 |
| Germany | B1 | DIN 4102-1 |
| Italy | Classe Uno | UNI 9177 |
| United Kingdom | Class 0 | BS 476 part 6 & 7 |
| United Kingdom | Type B | BS 5867 part 2 |
| United States | FR | NFPA 701 |

THERMAL AND VISUAL PROPERTIES

Thermal properties

| | |
|----------------------------|------|
| Solar Transmittance Ts (%) | 15,5 |
| Solar Reflectance Rs (%) | 40,0 |
| Solar Absorptance As (%) | 44,5 |

Visual properties

| | |
|---|-------|
| Direct Visual Transmittance Tv _{n-n} | 0,036 |
| Diffuse Visual Transmittance Tv _{n-dif} | 0,094 |
| Diffuse Hemispherical Transmittance Tv _{dif-h} | 0,110 |
| Visual Transmittance Tv | 0,130 |
| Daylight | 2 |
| Glare control | 0 |
| Privacy | 2 |
| View through | 1 |
| UV Protection (Suv Class) | 2 |

| Thermal factors | Average value | Class |
|----------------------------|---------------|-------|
| G _{tot} Glazing F | 0,433 | 1 |
| G _{tot} Glazing G | 0,210 | 2 |
| G _{tot} Glazing H | 0,369 | 1 |

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



Antibacterial



Fire retardant



Made in EU



Greenguard Gold