

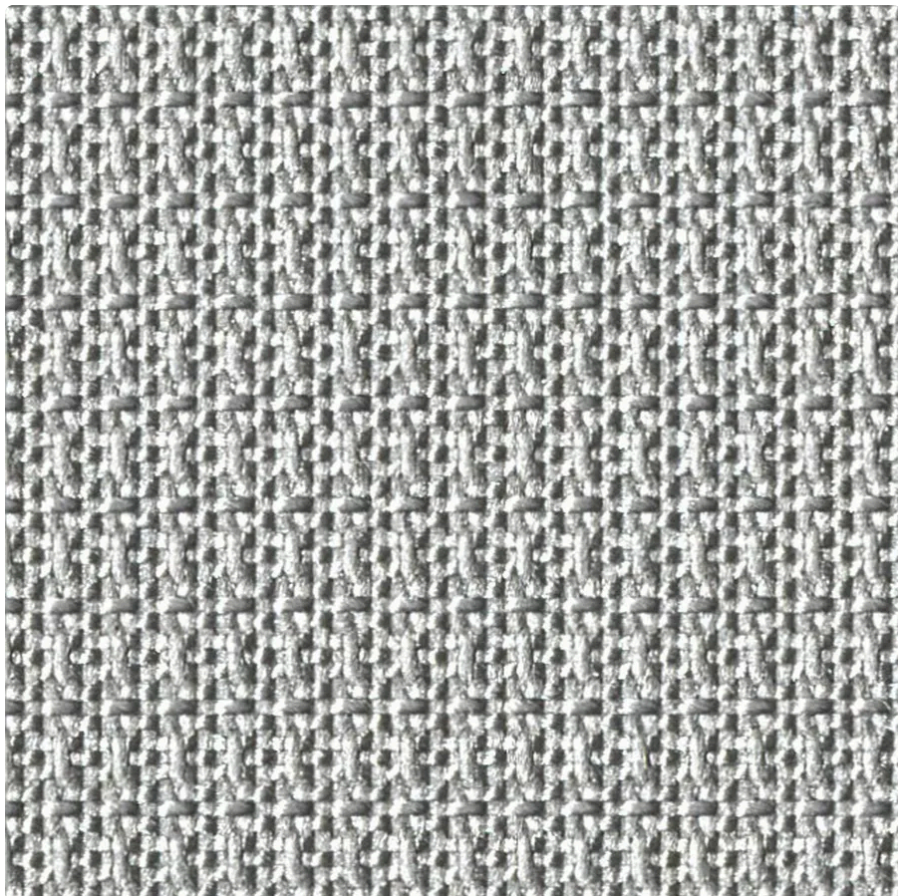
MERMET

EVOLUTION

ZILARIO 3

Metallised fabric to optimise glare control

COLOUR 00930093 Mist (Side B - Alu)



| | |
|--|-------------|
| WIDTH(S) | 240, 290 cm |
| DENSITY | 2% |
| VISUAL COMFORT - MIST (SIDE B - ALU) | |
| Glare control | 1 |
| View through | 2 |
| Privacy | 2 |
| Daylight | 1 |
| THERMAL COMFORT WITH GLAZING F | |
| Class interior | 1 |
| THERMAL AND VISUAL PROPERTIES | |
| Solar Reflectance Rs | 53,9% |
| Solar Transmittance Ts | 7,4% |
| Interior g-tot - Glazing F | 0,373 |
| Visual Transmittance Tv | 0,060 |
| Diffuse Visual Transmittance Tv _{n-dif} | 0,028 |
| Direct Visual Transmittance Tv _{n-n} | 0,032 |

ABOUT THIS RANGE



Embrace the future sustainably with our next-generation fabrics. Engineered for innovation, designed for tomorrow's sustainable living.

ZILARIO 3

- ✓ Perfect for eco-friendly building initiatives like LEED and BREEAM
- ✓ Created from recycled PET bottles, free from PVC
- ✓ Effective glare control
- ✓ Due to its metallic side, the fabric offers superior solar reflection and outstanding visible transmission, regardless of the chosen colour
- ✓ Meeting diverse environmental standards

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

| | Average value | Standard |
|--|---------------------------|-------------|
| Weighted composition | 100% recycled PET bottles | |
| Weaving pattern | Knitted | |
| Width(s) | 240, 290 cm | |
| Roll length (nominal) | Rolls of 30 lm | |
| Surface mass (weight) | 226 g/m ² ± 5% | ISO 2286-2 |
| Thickness | 0.52 mm ± 5% | ISO 2286-3 |
| Colour fastness to artificial light (scale of 8) | ≥ 2/8 (white not graded) | ISO 105 B02 |
| Acoustic properties (αw) | 0.34 | ISO 10534-2 |

MECHANICAL PROPERTIES

| | Average value | Standard |
|----------------------------|---------------|---------------------|
| Breaking strength - Warp | >153 daN/5 cm | ISO 1421 |
| Breaking strength - Weft | >127 daN/5 cm | ISO 1421 |
| Elongation at break - Warp | <33% | ISO 1421 |
| Elongation at break - Weft | <34% | ISO 1421 |
| Tear strength - Warp | ≥22 daN | ISO 4674-1 method 2 |
| Tear strength - Weft | ≥20 daN | ISO 4674-1 method 2 |

FIRE CERTIFICATES

| | | Standard |
|------------------------|------------|----------------|
| Euroclass | B-s1,d0 | EN 13501-1 |
| European Union - Spain | Class 1 | EN 13773 |
| France | M1 | NF P 92-507 |
| Germany | B1 | DIN 4102-1 |
| Italy | Classe Uno | UNI 9177 |
| United Kingdom | Type C | BS 5867 part 2 |
| United States | FR | NFPA 701 |

THERMAL AND VISUAL PROPERTIES

Thermal properties

| | |
|----------------------------|------|
| Solar Transmittance Ts (%) | 7,4 |
| Solar Reflectance Rs (%) | 53,9 |
| Solar Absorptance As (%) | 38,7 |

Visual properties

| | |
|---|-------|
| Direct Visual Transmittance Tv _{n-n} | 0,032 |
| Diffuse Visual Transmittance Tv _{n-dif} | 0,028 |
| Diffuse Hemispherical Transmittance Tv _{dif-h} | 0,049 |
| Visual Transmittance Tv | 0,060 |
| Daylight | 1 |
| Glare control | 1 |
| Privacy | 2 |
| View through | 2 |
| UV Protection (Suv Class) | 3 |

Thermal factors

| | Average value | Class |
|----------------------------|---------------|-------|
| G _{tot} Glazing F | 0,373 | 1 |
| G _{tot} Glazing G | 0,180 | 2 |
| G _{tot} Glazing H | 0,323 | 2 |

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



PVC free



Fire retardant



Made in EU



Greenguard Gold



Cradle to Cradle Bronze



Oeko-Tex