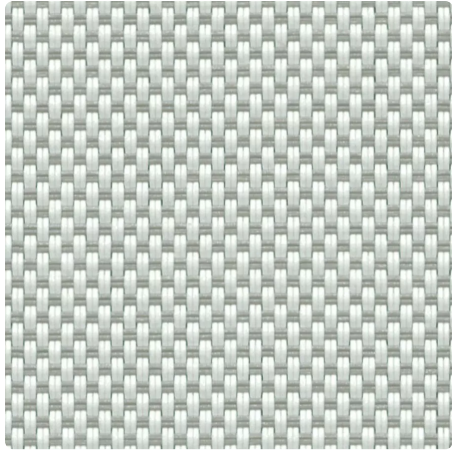


## ESSENTIALS

# PANAMA PRO 1

High density fabric to optimise glare control

**COLOUR** 00020007 White Pearl



|                                                  |             |
|--------------------------------------------------|-------------|
| <b>WIDTH(S)</b>                                  | 250, 310 cm |
| <b>DENSITY</b>                                   | 1%          |
| <b>VISUAL COMFORT - WHITE PEARL</b>              |             |
| Glare control                                    | 2           |
| View through                                     | 1           |
| Privacy                                          | 2           |
| Daylight                                         | 1           |
| <b>THERMAL COMFORT WITH GLAZING F</b>            |             |
| Class interior                                   | 2           |
| <b>THERMAL AND VISUAL PROPERTIES</b>             |             |
| Solar Reflectance Rs                             | 57,6%       |
| Solar Transmittance Ts                           | 8,2%        |
| Interior g-tot - Glazing F                       | 0,330       |
| Visual Transmittance Tv                          | 0,067       |
| Diffuse Visual Transmittance Tv <sub>n-dif</sub> | 0,056       |
| Direct Visual Transmittance Tv <sub>n-n</sub>    | 0,011       |

# 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!

## PANAMA PRO 1

- ✓ High density to optimise glare control with the dark colours in the range
- ✓ Lightweight for easy handling
- ✓ 3 other densities for the ideal combination of glare control, daylight harvesting and transparency
- ✓ Light colours for heat rejection
- ✓ Good FR class, sufficient for most requirements

# TECHNICAL DATA

## GENERAL FABRIC PROPERTIES

|                                                  | Average value            | Standard    |
|--------------------------------------------------|--------------------------|-------------|
| Weighted composition                             | 36% Fibreglass - 64% PVC |             |
| Weaving pattern                                  | Natté 2x2                |             |
| Width(s)                                         | 250, 310 cm              |             |
| Roll length (nominal)                            | Rolls of 30 lm           |             |
| Surface mass (weight)                            | 424 g/m² ± 5%            | ISO 2286-2  |
| Thickness                                        | 0.5 mm ± 5%              | ISO 2286-3  |
| Colour fastness to artificial light (scale of 8) | ≥ 7/8 (white not graded) | ISO 105 B02 |
| Acoustic properties (αw)                         | 0.42                     | ISO 10534-2 |

## MECHANICAL PROPERTIES

|                            | Average value | Standard            |
|----------------------------|---------------|---------------------|
| Breaking strength - Warp   | >240 daN/5 cm | ISO 1421            |
| Breaking strength - Weft   | >250 daN/5 cm | ISO 1421            |
| Elongation at break - Warp | <7%           | ISO 1421            |
| Elongation at break - Weft | <4%           | ISO 1421            |
| Tear strength - Warp       | ≥7 daN        | ISO 4674-1 method 2 |
| Tear strength - Weft       | ≥8 daN        | ISO 4674-1 method 2 |

# FIRE CERTIFICATES

|                        |         | Standard    |
|------------------------|---------|-------------|
| European Union - Spain | Class 1 | EN 13773    |
| France                 | M2      | NF P 92-507 |
| United States          | FR      | NFPA 701    |

# THERMAL AND VISUAL PROPERTIES

## Thermal properties

|                            |      |
|----------------------------|------|
| Solar Transmittance Ts (%) | 8,2  |
| Solar Reflectance Rs (%)   | 57,6 |
| Solar Absorptance As (%)   | 34,2 |

## Visual properties

|                                                         |       |
|---------------------------------------------------------|-------|
| Direct Visual Transmittance Tv <sub>n-n</sub>           | 0,011 |
| Diffuse Visual Transmittance Tv <sub>n-dif</sub>        | 0,056 |
| Diffuse Hemispherical Transmittance Tv <sub>dif-h</sub> | 0,058 |
| Visual Transmittance Tv                                 | 0,067 |
| Daylight                                                | 1     |
| Glare control                                           | 2     |
| Privacy                                                 | 2     |
| View through                                            | 1     |
| UV Protection (Suv Class)                               | 4     |

| Thermal factors            | Average value | Class |
|----------------------------|---------------|-------|
| G <sub>tot</sub> Glazing F | 0,330         | 2     |
| G <sub>tot</sub> Glazing G | 0,150         | 2     |
| G <sub>tot</sub> Glazing H | 0,290         | 2     |

# HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Printable



Antibacterial



Fire retardant



Made in EU

