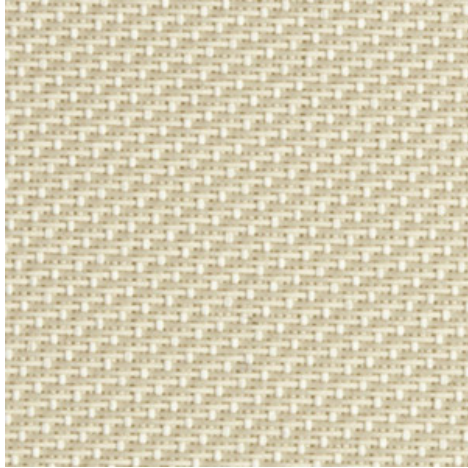


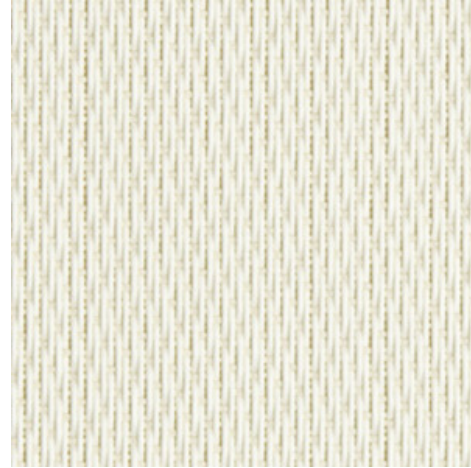
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Technical info

FRONT



BACK



|  |                     |   |
|--|---------------------|---|
| <b>Widths</b>                                  |                     | 270 cm  |
| <b>Composition</b>                             |                     | Glasfaser 42% - PVC 58%                       |
| <b>Openness factor</b>                         | NBN EN 410          | 2.00%   |
| <b>Weight</b>                                  | NF EN 12127         | 650.00 g/m <sup>2</sup>                       |
| <b>Thickness</b>                               | ISO 5084            | 0.90 mm                                       |
| <b>Density</b>                                 | ISO 7211/2          | WARP 18.00 yarn/cm      WEFT 21.00 yarn/cm    |
| <b>Color fastness to artificial light</b>      | ISO 105 B02         | >7  |
| <b>Color fastness to artificial weathering</b> | ISO 105 B04         | >7  |
| <b>Air permeability</b>                        | ISO 9237            | 1 930.00l/m <sup>2</sup> /s                   |
| <b>Roll length</b>                             |                     | 30 m  |
| <b>Cleaning</b>                                |                     | Mit Seifenwasser                              |
| <b>Confection</b>                              |                     | By heat, high frequency or ultrasonic welding |
| <b>Fire classification</b>                     |                     |   |
| └ Europe                                       | UNE-EN 13501-1:2007 | C-s3, d0                                      |
| └ France                                       | NF P92-503          | M1  |
| └ Italy  | UNI 9177            | Class 1                                       |
| └ Germany                                      | DIN 4102            | B1  |
| └ UK   | BS 5867             | C   |
| └ USA  | NFPA 701            | FR  |

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|--|----------------------|---------------------|---------------------|
| <b>Tear strength</b>                             | ISO 4674-1 methode 2 |                     |                     |
| ↳ Original                                       |                      | WARP 6.90 daN       | WEFT 6.50 daN       |
| ↳ After climatic chamber -30°C                   |                      | WARP 6.60 daN       | WEFT 6.80 daN       |
| ↳ After climatic chamber +70°C                   |                      | WARP 6.50 daN       | WEFT 6.50 daN       |
| <b>Elongation up to break</b>                    | ISO 1421             |                     |                     |
| ↳ Original                                       |                      | WARP 4.10 %         | WEFT 4.00 %         |
| ↳ After colour fastness to artificial weathering |                      | WARP 4.00 %         | WEFT 3.60 %         |
| ↳ After climatic chamber -30°C                   |                      | WARP 4.20 %         | WEFT 4.20 %         |
| ↳ After climatic chamber +70°C                   |                      | WARP 4.40 %         | WEFT 4.30 %         |
| <b>Breaking strength</b>                         | ISO 1421             |                     |                     |
| ↳ Original                                       |                      | WARP 360.00 daN/5cm | WEFT 300.00 daN/5cm |
| ↳ After colour fastness to artificial weathering |                      | WARP 330.00 daN/5cm | WEFT 250.00 daN/5cm |
| ↳ After climatic chamber -30°C                   |                      | WARP 355.00 daN/5cm | WEFT 318.00 daN/5cm |
| ↳ After climatic chamber +70°C                   |                      | WARP 355.00 daN/5cm | WEFT 310.00 daN/5cm |

**Front - Interior**

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**Visual properties**

|  |       |
|--|-------|
| <b>Tv = Visual light transmittance</b> | 8.70% |
| <b>Tuv = UV transmittance</b>          | 2.90% |

**Solar energetic properties**

|                                 |        |
|---------------------------------|--------|
| <b>As = Solar absorptance</b>   | 39.00% |
| <b>Rs = Solar reflectance</b>   | 50.90% |
| <b>Ts = Solar transmittance</b> | 10.10% |

**Fabric + glazing: G-factor**

|                  | <b>G</b> | <b>Te</b> | <b>Qi</b> | <b>SC</b> |
|------------------|----------|-----------|-----------|-----------|
| <b>Glazing A</b> | 0.40     | 0.09      | 0.31      | 0.47      |
| <b>Glazing B</b> | 0.42     | 0.08      | 0.35      | 0.56      |
| <b>Glazing C</b> | 0.40     | 0.06      | 0.34      | 0.68      |
| <b>Glazing D</b> | 0.26     | 0.03      | 0.23      | 0.81      |

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

**Visual comfort**

|  |         |                  |
|--|---------|------------------|
| <b>Normal solar transmittance</b>      | Class 4 | Very good effect |
| <b>Glare control</b>                   | Class 1 | Little effect    |
| <b>Privacy night</b>                   | Class 2 | Moderate effect  |
| <b>Visual contact with the outside</b> | Class 1 | Little effect    |
| <b>Daylight utilisation</b>            | Class 1 | Little effect    |

**Thermal comfort G-factor = Total solar energy transmittance**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 1          | Class 1          | Class 1          | Class 2          |

**Thermal comfort Qi-factor = Secondary heat transfer factor**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 0          | Class 0          | Class 0          | Class 1          |

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect

**Back - Interior**

Ecran - weiß | leinen (002008)

**Visual properties**

|  |       |
|--|-------|
| <b>Tv = Visual light transmittance</b> | 8.70% |
| <b>Tuv = UV transmittance</b>          | 2.90% |

**Solar energetic properties**

|                                 |        |
|---------------------------------|--------|
| <b>As = Solar absorptance</b>   | 28.20% |
| <b>Rs = Solar reflectance</b>   | 61.70% |
| <b>Ts = Solar transmittance</b> | 10.10% |

**Fabric + glazing: G-factor**

|                  | <b>G</b> | <b>Te</b> | <b>Qi</b> | <b>SC</b> |
|------------------|----------|-----------|-----------|-----------|
| <b>Glazing A</b> | 0.35     | 0.09      | 0.26      | 0.41      |
| <b>Glazing B</b> | 0.37     | 0.08      | 0.30      | 0.49      |
| <b>Glazing C</b> | 0.36     | 0.06      | 0.31      | 0.62      |
| <b>Glazing D</b> | 0.25     | 0.04      | 0.22      | 0.79      |

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

**Visual comfort**

|  |         |                  |
|--|---------|------------------|
| <b>Normal solar transmittance</b>      | Class 4 | Very good effect |
| <b>Glare control</b>                   | Class 1 | Little effect    |
| <b>Privacy night</b>                   | Class 2 | Moderate effect  |
| <b>Visual contact with the outside</b> | Class 1 | Little effect    |
| <b>Daylight utilisation</b>            | Class 1 | Little effect    |

**Thermal comfort G-factor = Total solar energy transmittance**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 2          | Class 1          | Class 1          | Class 2          |

**Thermal comfort Qi-factor = Secondary heat transfer factor**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 1          | Class 1          | Class 0          | Class 1          |

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect

**Front - Exterior**

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**Visual properties**

|  |       |
|--|-------|
| <b>Tv = Visual light transmittance</b> | 8.70% |
| <b>Tuv = UV transmittance</b>          | 2.90% |

**Solar energetic properties**

|                                 |        |
|---------------------------------|--------|
| <b>As = Solar absorptance</b>   | 39.00% |
| <b>Rs = Solar reflectance</b>   | 50.90% |
| <b>Ts = Solar transmittance</b> | 10.10% |

**Fabric + glazing: G-factor**

|                  | <b>G</b> | <b>Te</b> | <b>Qi</b> | <b>SC</b> |
|------------------|----------|-----------|-----------|-----------|
| <b>Glazing A</b> | 0.15     | 0.09      | 0.06      | 0.17      |
| <b>Glazing B</b> | 0.12     | 0.08      | 0.05      | 0.16      |
| <b>Glazing C</b> | 0.09     | 0.06      | 0.03      | 0.15      |
| <b>Glazing D</b> | 0.06     | 0.03      | 0.03      | 0.19      |

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

**Thermal comfort G-factor = Total solar energy transmittance**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 3          | Class 3          | Class 4          | Class 4          |

**Thermal comfort Qi-factor = Secondary heat transfer factor**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 3          | Class 3          | Class 4          | Class 4          |

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect

**Back - Exterior**

Ecrano - weiß | leinen (002008)

**Visual properties**

|  |       |
|--|-------|
| <b>Tv = Visual light transmittance</b> | 8.70% |
| <b>Tuv = UV transmittance</b>          | 2.90% |

**Solar energetic properties**

|                                 |        |
|---------------------------------|--------|
| <b>As = Solar absorptance</b>   | 28.20% |
| <b>Rs = Solar reflectance</b>   | 61.70% |
| <b>Ts = Solar transmittance</b> | 10.10% |

**Fabric + glazing: G-factor**

|                  | <b>G</b> | <b>Te</b> | <b>Qi</b> | <b>SC</b> |
|------------------|----------|-----------|-----------|-----------|
| <b>Glazing A</b> | 0.13     | 0.09      | 0.04      | 0.16      |
| <b>Glazing B</b> | 0.11     | 0.08      | 0.04      | 0.15      |
| <b>Glazing C</b> | 0.08     | 0.06      | 0.02      | 0.14      |
| <b>Glazing D</b> | 0.06     | 0.03      | 0.02      | 0.18      |

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

**Thermal comfort G-factor = Total solar energy transmittance**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 3          | Class 3          | Class 4          | Class 4          |

**Thermal comfort Qi-factor = Secondary heat transfer factor**

| <b>Glazing A</b> | <b>Glazing B</b> | <b>Glazing C</b> | <b>Glazing D</b> |
|------------------|------------------|------------------|------------------|
| Class 3          | Class 3          | Class 4          | Class 4          |

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect