

Out - Serge 600 / 007082 Pearl Grey | White-Sand

front:



back:



Widths

| 220 cm | 250 cm | 270 cm | 320 cm |
|--------|--------|--------|--------|
|--------|--------|--------|--------|

| TECHNICAL SPECIFICATION                  |                                               |      | STANDARD                 | RESULT                 |
|------------------------------------------|-----------------------------------------------|------|--------------------------|------------------------|
| composition                              |                                               |      | Fibreglass 42% - PVC 58% |                        |
| openness factor                          |                                               |      | NBN EN 410               | 5.00%                  |
| weight                                   |                                               |      | NF EN 12127              | 535.00g/m <sup>2</sup> |
| thickness                                |                                               |      | ISO 5084                 | 0.55mm                 |
| density                                  |                                               | warp | ISO 7211/2               | 18.00yarn/cm           |
|                                          |                                               | weft |                          | 14.00yarn/cm           |
| colour fastness to artificial light      |                                               |      | ISO 105 B02              | >7                     |
| colour fastness to artificial weathering |                                               |      | ISO 105 B04              | >7                     |
| tear strength                            | original                                      | warp | ISO 4674-1 methode 2     | 8.50daN                |
|                                          |                                               | weft |                          | 7.50daN                |
| elongation up to break                   | original                                      | warp | ISO 1421                 | 3.10%                  |
|                                          |                                               | weft |                          | 2.75%                  |
| breaking strength                        | original                                      | warp | ISO 1421                 | 260.00daN/5 cm         |
|                                          |                                               | weft |                          | 225.00daN/5 cm         |
| elongation up to break                   | after colour fastness to artifical light      | warp | ISO 1421                 | 4.00%                  |
|                                          |                                               | weft |                          | 2.90%                  |
| breaking strength                        | after colour fastness to artifical light      | warp | ISO 1421                 | 240.00daN/5 cm         |
|                                          |                                               | weft |                          | 220.00daN/5 cm         |
| elongation up to break                   | after colour fastness to artifical weathering | warp | ISO 1421                 | 3.50%                  |
|                                          |                                               | weft |                          | 2.80%                  |
| breaking strength                        | after colour fastness to artifical weathering | warp | ISO 1421                 | 240.00daN/5 cm         |
|                                          |                                               | weft |                          | 225.00daN/5 cm         |
| tear strength                            | after climatic chamber -30°C                  | warp | ISO 4674-1 methode 2     | 7.80daN                |
|                                          |                                               | weft |                          | 7.50daN                |

| TECHNICAL SPECIFICATION |                               | STANDARD |                      | RESULT                                        |
|-------------------------|-------------------------------|----------|----------------------|-----------------------------------------------|
| elongation up to break  | after climatic chamber - 30°C | warp     | ISO 1421             | 3.00%                                         |
|                         |                               | weft     |                      | 2.50%                                         |
| breaking strength       | after climatic chamber - 30°C | warp     | ISO 1421             | 225.00daN/5 cm                                |
|                         |                               | weft     |                      | 200.00daN/5 cm                                |
| tear strength           | after climatic chamber +70°C  | warp     | ISO 4674-1 methode 2 | 8.20daN                                       |
|                         |                               | weft     |                      | 7.20daN                                       |
| elongation up to break  | after climatic chamber +70°C  | warp     | ISO 1421             | 2.85%                                         |
|                         |                               | weft     |                      | 2.50%                                         |
| breaking strength       | after climatic chamber +70°C  | warp     | ISO 1421             | 180.00daN/5 cm                                |
|                         |                               | weft     |                      | 185.00daN/5 cm                                |
| air permeability        |                               |          | ISO 9237             | 580.00l/m²/s                                  |
| fire classification     | Europe                        |          | UNE-EN 13501-1:2007  | C-s3,d0                                       |
| fire classification     | France                        |          | NF P92-503           | M1                                            |
| fire classification     | Italy                         |          | UNI 9177             | Class 1                                       |
| fire classification     | Germany                       |          | DIN 4102             | B1                                            |
| fire classification     | UK                            |          | BS 5867              | C                                             |
| fire classification     | USA                           |          | NFPA 701             | FR                                            |
| roll length             |                               |          |                      | 50 m / 30 m for all widths > 270 cm           |
| cleaning                |                               |          |                      | with soapy water                              |
| confection              |                               |          |                      | by heat, high frequency or ultrasonic welding |

## FRONT - INTERIOR

### VISUAL PROPERTIES

|                                |       |
|--------------------------------|-------|
| Tv: Visual light transmittance | 7.80% |
| Tuv: UV transmittance          | 6.10% |

### SOLAR ENERGETIC PROPERTIES

|                          |        |
|--------------------------|--------|
| As = Solar absorptance   | 48.70% |
| Rs = Solar reflectance   | 42.60% |
| Ts = Solar transmittance | 8.70%  |

### FABRIC + GLAZING: G-FACTOR

| Glazing A                                   | Glazing B | Glazing C | Glazing D |
|---------------------------------------------|-----------|-----------|-----------|
| <b>G = Total solar energy transmittance</b> |           |           |           |
| 0.48                                        | 0.48      | 0.43      | 0.27      |
| <b>Te = Direct solar transmittance</b>      |           |           |           |
| 0.07                                        | 0.06      | 0.05      | 0.03      |
| <b>Qi = Secondary heat transfer factor</b>  |           |           |           |
| 0.40                                        | 0.42      | 0.38      | 0.24      |
| <b>SC = Shading Coefficient</b>             |           |           |           |
| 0.56                                        | 0.63      | 0.73      | 0.85      |

### CLASSES

|                                                    |   |                                                   |
|----------------------------------------------------|---|---------------------------------------------------|
| <b>Visual comfort</b>                              |   |                                                   |
| Normal solar transmittance                         | 3 | Class 0: very little effect                       |
| Glare control                                      | 1 | Class 1: little effect                            |
| Privacy night                                      | 1 | Class 2: moderate effect                          |
| Visual contact with the outside                    | 3 | Class 3: good effect                              |
| Daylight utilisation                               | 1 | Class 4: very good effect                         |
| <b>Thermal comfort</b>                             |   |                                                   |
| <b>G-factor = Total solar energy transmittance</b> |   |                                                   |
| Glazing A                                          | 1 | Class 0: very little effect                       |
| Glazing B                                          | 1 | Class 1: little effect                            |
| Glazing C                                          | 1 | Class 2: moderate effect                          |
| Glazing D                                          | 2 | Class 3: good effect<br>Class 4: very good effect |
| <b>Qi-factor = Secondary heat transfer factor</b>  |   |                                                   |
| Glazing A                                          | 0 | Class 0: very little effect                       |
| Glazing B                                          | 0 | Class 1: little effect                            |
| Glazing C                                          | 0 | Class 2: moderate effect                          |
| Glazing D                                          | 1 | Class 3: good effect<br>Class 4: very good effect |

## FRONT - EXTERIOR

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| Glazing A                                   | Glazing B | Glazing C | Glazing D |
|---------------------------------------------|-----------|-----------|-----------|
| <b>G = Total solar energy transmittance</b> |           |           |           |
| 0.18                                        | 0.15      | 0.10      | 0.08      |
| <b>Te = Direct solar transmittance</b>      |           |           |           |
| 0.07                                        | 0.06      | 0.05      | 0.03      |
| <b>Qi = Secondary heat transfer factor</b>  |           |           |           |
| 0.11                                        | 0.08      | 0.05      | 0.05      |
| <b>SC = Shading Coefficient</b>             |           |           |           |
| 0.21                                        | 0.19      | 0.17      | 0.24      |

### CLASSES

| Visual comfort                                     |   |                                                   |
|----------------------------------------------------|---|---------------------------------------------------|
| Normal solar transmittance                         | 3 | Class 0: very little effect                       |
| Glare control                                      | 1 | Class 1: little effect                            |
| Privacy night                                      | 1 | Class 2: moderate effect                          |
| Visual contact with the outside                    | 3 | Class 3: good effect                              |
| Daylight utilisation                               | 1 | Class 4: very good effect                         |
| Thermal comfort                                    |   |                                                   |
| <b>G-factor = Total solar energy transmittance</b> |   |                                                   |
| Glazing A                                          | 3 | Class 0: very little effect                       |
| Glazing B                                          | 3 | Class 1: little effect                            |
| Glazing C                                          | 4 | Class 2: moderate effect                          |
| Glazing D                                          | 4 | Class 3: good effect<br>Class 4: very good effect |
| <b>Qi-factor = Secondary heat transfer factor</b>  |   |                                                   |
| Glazing A                                          | 3 | Class 0: very little effect                       |
| Glazing B                                          | 3 | Class 1: little effect                            |
| Glazing C                                          | 3 | Class 2: moderate effect                          |
| Glazing D                                          | 3 | Class 3: good effect<br>Class 4: very good effect |

## BACK - INTERIOR

### VISUAL PROPERTIES

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### SOLAR ENERGETIC PROPERTIES

|                          |        |
|--------------------------|--------|
| As = Solar absorptance   | 52.40% |
| Rs = Solar reflectance   | 38.90% |
| Ts = Solar transmittance | 8.70%  |

### FABRIC + GLAZING: G-FACTOR

| Glazing A                                   | Glazing B | Glazing C | Glazing D |
|---------------------------------------------|-----------|-----------|-----------|
| <b>G = Total solar energy transmittance</b> |           |           |           |
| 0.50                                        | 0.50      | 0.44      | 0.27      |
| <b>Te = Direct solar transmittance</b>      |           |           |           |
| 0.07                                        | 0.06      | 0.05      | 0.03      |
| <b>Qi = Secondary heat transfer factor</b>  |           |           |           |
| 0.42                                        | 0.44      | 0.40      | 0.25      |
| <b>SC = Shading Coefficient</b>             |           |           |           |
| 0.58                                        | 0.66      | 0.75      | 0.86      |

### CLASSES

|                                                    |   |                                                   |
|----------------------------------------------------|---|---------------------------------------------------|
| <b>Visual comfort</b>                              |   |                                                   |
| Normal solar transmittance                         | 3 | Class 0: very little effect                       |
| Glare control                                      | 1 | Class 1: little effect                            |
| Privacy night                                      | 1 | Class 2: moderate effect                          |
| Visual contact with the outside                    | 3 | Class 3: good effect                              |
| Daylight utilisation                               | 1 | Class 4: very good effect                         |
| <b>Thermal comfort</b>                             |   |                                                   |
| <b>G-factor = Total solar energy transmittance</b> |   |                                                   |
| Glazing A                                          | 1 | Class 0: very little effect                       |
| Glazing B                                          | 1 | Class 1: little effect                            |
| Glazing C                                          | 1 | Class 2: moderate effect                          |
| Glazing D                                          | 2 | Class 3: good effect<br>Class 4: very good effect |
| <b>Qi-factor = Secondary heat transfer factor</b>  |   |                                                   |
| Glazing A                                          | 0 | Class 0: very little effect                       |
| Glazing B                                          | 0 | Class 1: little effect                            |
| Glazing C                                          | 0 | Class 2: moderate effect                          |
| Glazing D                                          | 1 | Class 3: good effect<br>Class 4: very good effect |

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| <b>G = Total solar energy transmittance</b> |           |           |           |
| 0.19                                        | 0.15      | 0.10      | 0.08      |
| <b>Te = Direct solar transmittance</b>      |           |           |           |
| 0.07                                        | 0.06      | 0.05      | 0.03      |
| <b>Qi = Secondary heat transfer factor</b>  |           |           |           |
| 0.12                                        | 0.09      | 0.06      | 0.05      |
| <b>SC = Shading Coefficient</b>             |           |           |           |
| 0.22                                        | 0.20      | 0.18      | 0.25      |

### CLASSES

|                                                    |   |                                                   |
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| <b>Visual comfort</b>                              |   |                                                   |
| Normal solar transmittance                         | 3 | Class 0: very little effect                       |
| Glare control                                      | 1 | Class 1: little effect                            |
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| Visual contact with the outside                    | 3 | Class 3: good effect                              |
| Daylight utilisation                               | 1 | Class 4: very good effect                         |
| <b>Thermal comfort</b>                             |   |                                                   |
| <b>G-factor = Total solar energy transmittance</b> |   |                                                   |
| Glazing A                                          | 2 | Class 0: very little effect                       |
| Glazing B                                          | 3 | Class 1: little effect                            |
| Glazing C                                          | 4 | Class 2: moderate effect                          |
| Glazing D                                          | 4 | Class 3: good effect<br>Class 4: very good effect |
| <b>Qi-factor = Secondary heat transfer factor</b>  |   |                                                   |
| Glazing A                                          | 3 | Class 0: very little effect                       |
| Glazing B                                          | 3 | Class 1: little effect                            |
| Glazing C                                          | 3 | Class 2: moderate effect                          |
| Glazing D                                          | 3 | Class 3: good effect<br>Class 4: very good effect |