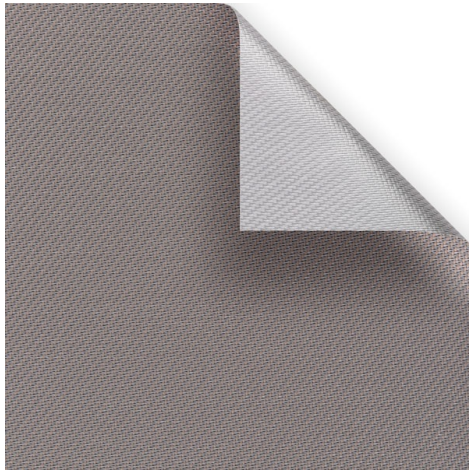


Serge 600 Blockout Lunar - oyster shell
(033001)

Technical info

FRONT

BACK



| | | |
|--|-------------|---|
| Widths | | 210 cm |
| Composition | | Fibreglass 33% - PVC 47% - PVC laminate 20% |
| Openness factor | NBN EN 410 | 0.00% |
| Weight | NF EN 12127 | 678.00 g/m ² |
| Thickness | ISO 5084 | 0.73 mm |
| Density | ISO 7211/2 | WARP 18.00 yarn/cm WEFT 14.00 yarn/cm |
| Color fastness to artificial weathering | ISO 105 B04 | >7 |
| Air permeability | ISO 9237 | 0.0 |
| Roll length | | 30 m |
| Cleaning | | With soapy water |
| Confection | | By heat, high frequency or ultrasonic welding |
| Fire classification | | |
| └ Germany | DIN 4102 | awaiting test results |
| └ UK | BS 5867 | awaiting test results |
| └ USA | NFPA 701 | awaiting test results |
| └ France | NF P92-503 | M2 |
| └ Italy | UNI 9177 | Class 1 |

Serge 600 Blockout Lunar - oyster shell (033001)

Technical info

| | | | |
|--|----------------------|---|---------------------|
| Tear strength | ISO 4674-1 methode 2 | | |
| ↳ Original | | WARP 8.50 daN | WEFT 9.00 daN |
| ↳ After climatic chamber -30°C | | WARP 8.40 daN | WEFT 9.30 daN |
| ↳ After climatic chamber +70°C | | WARP 8.80 daN | WEFT 9.30 daN |
| Elongation up to break | ISO 1421 | | |
| ↳ Original | | WARP 6.40 % | WEFT 7.30 % |
| ↳ After colour fastness to artificial weathering | | WARP 6.50 % | WEFT 7.00 % |
| ↳ After climatic chamber -30°C | | WARP 6.20 % | WEFT 6.90 % |
| ↳ After climatic chamber +70°C | | WARP 6.40 % | WEFT 6.70 % |
| Breaking strength | ISO 1421 | | |
| ↳ Original | | WARP 224.20 daN/5cm | WEFT 176.60 daN/5cm |
| ↳ After colour fastness to artificial weathering | | WARP 214.20 daN/5cm | WEFT 168.00 daN/5cm |
| ↳ After climatic chamber -30°C | | WARP 222.40 daN/5cm | WEFT 162.60 daN/5cm |
| ↳ After climatic chamber +70°C | | WARP 213.90 daN/5cm | WEFT 161.60 daN/5cm |
| Recommendations | | To be used in sunscreensystems with Zipscreens. | |

Front - Interior

 Serge 600 Blockout Lunar - oyster shell
(033001)

Visual properties

| | |
|--|-------|
| Tv = Visual light transmittance | 0.00% |
| Tuv = UV transmittance | 0.00% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 81.80% |
| Rs = Solar reflectance | 18.20% |
| Ts = Solar transmittance | 0.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.55 | 0.00 | 0.55 | 0.65 |
| Glazing B | 0.57 | 0.00 | 0.57 | 0.75 |
| Glazing C | 0.50 | 0.00 | 0.50 | 0.84 |
| Glazing D | 0.29 | 0.00 | 0.29 | 0.89 |

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

Visual comfort

| | | |
|--|---------|--------------------|
| Normal solar transmittance | Class 4 | Very good effect |
| Glare control | Class 4 | Very good effect |
| Privacy night | Class 2 | Moderate effect |
| Visual contact with the outside | Class 2 | Moderate effect |
| Daylight utilisation | Class 0 | Very little effect |

Thermal comfort G-factor = Total solar energy transmittance

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 0 | Class 0 | Class 1 | Class 2 |

Thermal comfort Qi-factor = Secondary heat transfer factor

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| 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

 Serge 600 Blockout Lunar - oyster shell
(033001)

Visual properties

| | |
|--|-------|
| Tv = Visual light transmittance | 0.00% |
| Tuv = UV transmittance | 0.00% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 66.60% |
| Rs = Solar reflectance | 33.40% |
| Ts = Solar transmittance | 0.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.47 | 0.00 | 0.47 | 0.55 |
| Glazing B | 0.50 | 0.00 | 0.50 | 0.65 |
| Glazing C | 0.45 | 0.00 | 0.45 | 0.76 |
| Glazing D | 0.27 | 0.00 | 0.27 | 0.85 |

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

Visual comfort

| | | |
|--|---------|--------------------|
| Normal solar transmittance | Class 4 | Very good effect |
| Glare control | Class 4 | Very good effect |
| Privacy night | Class 2 | Moderate effect |
| Visual contact with the outside | Class 2 | Moderate effect |
| Daylight utilisation | Class 0 | Very little effect |

Thermal comfort G-factor = Total solar energy transmittance

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 1 | Class 1 | Class 1 | Class 2 |

Thermal comfort Qi-factor = Secondary heat transfer factor

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| 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

Front - Exterior

 Serge 600 Blockout Lunar - oyster shell
(033001)

Visual properties

| | |
|--|-------|
| Tv = Visual light transmittance | 0.00% |
| Tuv = UV transmittance | 0.00% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 81.80% |
| Rs = Solar reflectance | 18.20% |
| Ts = Solar transmittance | 0.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.12 | 0.00 | 0.12 | 0.14 |
| Glazing B | 0.08 | 0.00 | 0.08 | 0.11 |
| Glazing C | 0.04 | 0.00 | 0.04 | 0.07 |
| Glazing D | 0.04 | 0.00 | 0.04 | 0.13 |

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

Visual comfort

| | | |
|--|---------|--------------------|
| Normal solar transmittance | Class 4 | Very good effect |
| Glare control | Class 4 | Very good effect |
| Privacy night | Class 2 | Moderate effect |
| Visual contact with the outside | Class 2 | Moderate effect |
| Daylight utilisation | Class 0 | Very little effect |

Thermal comfort G-factor = Total solar energy transmittance

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 3 | Class 4 | Class 4 | Class 4 |

Thermal comfort Qi-factor = Secondary heat transfer factor

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 2 | Class 3 | Class 3 | Class 3 |

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

Back - Exterior

 Serge 600 Blockout Lunar - oyster shell
(033001)

Visual properties

| | |
|--|-------|
| Tv = Visual light transmittance | 0.00% |
| Tuv = UV transmittance | 0.00% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 66.60% |
| Rs = Solar reflectance | 33.40% |
| Ts = Solar transmittance | 0.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.09 | 0.00 | 0.09 | 0.11 |
| Glazing B | 0.07 | 0.00 | 0.07 | 0.09 |
| Glazing C | 0.04 | 0.00 | 0.04 | 0.06 |
| Glazing D | 0.03 | 0.00 | 0.03 | 0.10 |

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

Visual comfort

| | | |
|--|---------|--------------------|
| Normal solar transmittance | Class 4 | Very good effect |
| Glare control | Class 4 | Very good effect |
| Privacy night | Class 2 | Moderate effect |
| Visual contact with the outside | Class 2 | Moderate effect |
| Daylight utilisation | Class 0 | Very little effect |

Thermal comfort G-factor = Total solar energy transmittance

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 4 | Class 4 | Class 4 | Class 4 |

Thermal comfort Qi-factor = Secondary heat transfer factor

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
| Class 3 | Class 3 | Class 3 | Class 3 |

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