

Serge 600 - white | white (002002)
Technical info
FRONT

BACK


| | | |
|--|---------------------|---|
| Widths | | 190 cm 220 cm 250 cm 270 cm 320 cm 350 cm |
| Composition | | Fibreglass 42% - PVC 58% |
| Openness factor | NBN EN 410 | 5.00% |
| Weight | NF EN 12127 | 525.00 g/m ² |
| Thickness | ISO 5084 | 0.74 mm |
| Density | ISO 7211/2 | WARP 18.00 yarn/cm WEFT 14.00 yarn/cm |
| Color fastness to artificial light | ISO 105 B02 | >7 |
| Color fastness to artificial weathering | ISO 105 B04 | >7 |
| Air permeability | ISO 9237 | 580.00 l/m ² /s |
| Roll length | | 50 m / 30 m for all widths > 270 cm |
| Cleaning | | With soapy water |
| Confection | | By heat, high frequency or ultrasonic welding |
| Fire classification | | |
| └ Europe | UNE-EN 13501-1:2007 | C-s3, d0 |
| └ France | NF P92-503 | M1 |
| └ Italy | UNI 9177 | Class 1 |
| └ Germany | DIN 4102 | B2 |
| └ UK | BS 5867 | C |
| └ USA | NFPA 701 | FR |

| Serge 600 - white white (002002) | | Technical info | |
|--|----------------------|---------------------|---------------------|
| Tear strength | ISO 4674-1 methode 2 | | |
| ↳ Original | | WARP 8.50 daN | WEFT 7.50 daN |
| ↳ After climatic chamber -30°C | | WARP 7.80 daN | WEFT 7.50 daN |
| ↳ After climatic chamber +70°C | | WARP 8.20 daN | WEFT 7.20 daN |
| Elongation up to break | ISO 1421 | | |
| ↳ Original | | WARP 3.10 % | WEFT 2.75 % |
| ↳ After color fastness to artificial light | | WARP 4.00 % | WEFT 2.90 % |
| ↳ After colour fastness to artificial weathering | | WARP 3.50 % | WEFT 2.80 % |
| ↳ After climatic chamber -30°C | | WARP 3.00 % | WEFT 2.50 % |
| ↳ After climatic chamber +70°C | | WARP 2.85 % | WEFT 2.50 % |
| Breaking strength | ISO 1421 | | |
| ↳ Original | | WARP 260.00 daN/5cm | WEFT 225.00 daN/5cm |
| ↳ After color fastness to artificial light | | WARP 240.00 daN/5cm | WEFT 220.00 daN/5cm |
| ↳ After colour fastness to artificial weathering | | WARP 240.00 daN/5cm | WEFT 225.00 daN/5cm |
| ↳ After climatic chamber -30°C | | WARP 225.00 daN/5cm | WEFT 200.00 daN/5cm |
| ↳ After climatic chamber +70°C | | WARP 180.00 daN/5cm | WEFT 185.00 daN/5cm |

Front - Interior

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Visual properties

| | |
|--|--------|
| Tv = Visual light transmittance | 21.20% |
| Tuv = UV transmittance | 4.30% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 13.20% |
| Rs = Solar reflectance | 65.90% |
| Ts = Solar transmittance | 21.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.36 | 0.18 | 0.17 | 0.42 |
| Glazing B | 0.37 | 0.16 | 0.21 | 0.49 |
| Glazing C | 0.36 | 0.13 | 0.23 | 0.61 |
| Glazing D | 0.25 | 0.08 | 0.18 | 0.78 |

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 1 | Little effect |
| Privacy night | Class 2 | Moderate effect |
| Visual contact with the outside | Class 0 | Very little effect |
| Daylight utilisation | Class 2 | Moderate 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 2 | Class 1 | Class 1 | Class 2 |

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

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|---------------------------------|--------|
| As = Solar absorptance | 12.70% |
| Rs = Solar reflectance | 66.30% |
| Ts = Solar transmittance | 21.00% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.35 | 0.18 | 0.17 | 0.42 |
| Glazing B | 0.37 | 0.16 | 0.21 | 0.48 |
| Glazing C | 0.36 | 0.13 | 0.23 | 0.60 |
| Glazing D | 0.25 | 0.08 | 0.17 | 0.78 |

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|------------------|------------------|------------------|------------------|
| Class 2 | Class 1 | Class 1 | Class 2 |

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Front - Exterior

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Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.22 | 0.18 | 0.04 | 0.26 |
| Glazing B | 0.20 | 0.16 | 0.04 | 0.26 |
| Glazing C | 0.15 | 0.13 | 0.02 | 0.26 |
| Glazing D | 0.10 | 0.07 | 0.03 | 0.32 |

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Thermal comfort G-factor = Total solar energy transmittance

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

Thermal comfort Qi-factor = Secondary heat transfer factor

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

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Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.22 | 0.18 | 0.03 | 0.26 |
| Glazing B | 0.19 | 0.16 | 0.04 | 0.26 |
| Glazing C | 0.15 | 0.13 | 0.02 | 0.25 |
| Glazing D | 0.10 | 0.07 | 0.03 | 0.32 |

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

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

Thermal comfort Qi-factor = Secondary heat transfer factor

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

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