

Serge 1% - sable | sable (003003)
Technical info
FRONT

BACK


| | | |
|--|---------------------|---|
| Widths | | 270 cm |
| Composition | | Fibra de vitrio 42% - PVC 58% |
| Openness factor | NBN EN 410 | 1.00% |
| Weight | NF EN 12127 | 620.00 g/m ² |
| Thickness | ISO 5084 | 0.80 mm |
| Density | ISO 7211/2 | WARP 20.00 yarn/cm WEFT 18.00 yarn/cm |
| Color fastness to artificial light | ISO 105 B02 | >7 |
| Color fastness to artificial weathering | ISO 105 B04 | >7 |
| Air permeability | ISO 9237 | 497.00l/m ² /s |
| Roll length | | 30 m |
| Cleaning | | Con acqua saponata |
| 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 | B1 |
| └ UK | BS 5867 | C |
| └ USA | NFPA 701 | FR |

| Serge 1% - sable sable (003003) | | Technical info | |
|--|----------------------|---------------------|---------------------|
| Tear strength | ISO 4674-1 methode 2 | | |
| └ Original | | WARP 5.90 daN | WEFT 6.20 daN |
| └ After climatic chamber -30°C | | WARP 6.00 daN | WEFT 6.20 daN |
| └ After climatic chamber +70°C | | WARP 5.30 daN | WEFT 5.80 daN |
| Elongation up to break | ISO 1421 | | |
| └ Original | | WARP 4.70 % | WEFT 3.80 % |
| └ After colour fastness to artificial weathering | | WARP 4.70 % | WEFT 3.30 % |
| └ After climatic chamber -30°C | | WARP 4.80 % | WEFT 3.90 % |
| └ After climatic chamber +70°C | | WARP 5.00 % | WEFT 3.70 % |
| Breaking strength | ISO 1421 | | |
| └ Original | | WARP 321.00 daN/5cm | WEFT 277.00 daN/5cm |
| └ After colour fastness to artificial weathering | | WARP 225.00 daN/5cm | WEFT 216.00 daN/5cm |
| └ After climatic chamber -30°C | | WARP 236.00 daN/5cm | WEFT 279.00 daN/5cm |
| └ After climatic chamber +70°C | | WARP 251.00 daN/5cm | WEFT 266.00 daN/5cm |

Front - Interior Serge 1% - sable | sable (003003)

| Visual properties | |
|--|-------|
| Tv = Visual light transmittance | 1.90% |
| Tuv = UV transmittance | 1.40% |

| Solar energetic properties | |
|---------------------------------|--------|
| As = Solar absorptance | 56.10% |
| Rs = Solar reflectance | 40.60% |
| Ts = Solar transmittance | 3.30% |

| Fabric + glazing: G-factor | | | | |
|----------------------------|----------|-----------|-----------|-----------|
| | G | Te | Qi | SC |
| Glazing A | 0.44 | 0.03 | 0.41 | 0.52 |
| Glazing B | 0.47 | 0.02 | 0.44 | 0.61 |
| Glazing C | 0.43 | 0.02 | 0.41 | 0.73 |
| Glazing D | 0.27 | 0.01 | 0.26 | 0.84 |

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 3 | 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

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Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.11 | 0.03 | 0.08 | 0.13 |
| Glazing B | 0.08 | 0.02 | 0.06 | 0.11 |
| Glazing C | 0.05 | 0.02 | 0.03 | 0.09 |
| Glazing D | 0.04 | 0.01 | 0.03 | 0.13 |

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Thermal comfort G-factor = Total solar energy transmittance

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|------------------|------------------|------------------|------------------|
| Class 3 | Class 3 | Class 4 | Class 4 |

Thermal comfort Qi-factor = Secondary heat transfer factor

| Glazing A | Glazing B | Glazing C | Glazing D |
|------------------|------------------|------------------|------------------|
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| Glazing C | 0.43 | 0.02 | 0.41 | 0.73 |
| Glazing D | 0.27 | 0.01 | 0.26 | 0.84 |

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

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|------------------|------------------|------------------|------------------|
| Class 0 | Class 0 | Class 0 | Class 1 |

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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 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