

Natté 390 - charcoal | charcoal (010010)

Technical info

FRONT



BACK



| | | |
|---|---------------------|---|
| Widths | | 250 cm 200 cm 320 cm |
| Composition | | Fibreglass 36% - PVC 64% |
| Openness factor | NBN EN 410 | 3.00% |
| Weight | NF EN 12127 | 390.00 g/m ² |
| Thickness | ISO 5084 | 0.57 mm |
| Density | ISO 7211/2 | WARP 25.00 yarn/cm WEFT 15.00 yarn/cm |
| Color fastness to artificial light | ISO 105 B02 | >7 |
| Roll length | | 30 m |
| Cleaning | | With soapy water |
| Confection | | By heat, high frequency or ultrasonic welding |
| Fire classification | | |
| └ Europe | UNE-EN 13501-1:2007 | awaiting results |
| └ France | NF P92-503 | M2 |
| └ Italy | UNI 9177 | Class 1 |
| └ Germany | DIN 4102 | B2 |
| └ UK | BS 5867 | C |
| └ USA | NFPA 701 | FR |

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| Tear strength | ISO 4674-1 methode 2 | | |
| ↳ Original | | WARP 8.22 daN | WEFT 4.83 daN |
| ↳ After climatic chamber -30°C | | WARP 8.49 daN | WEFT 5.22 daN |
| ↳ After climatic chamber +70°C | | WARP 8.09 daN | WEFT 4.90 daN |
| Elongation up to break | ISO 1421 | | |
| ↳ Original | | WARP 7.05 % | WEFT 4.45 % |
| ↳ After color fastness to artificial light | | WARP 7.30 % | WEFT 3.60 % |
| ↳ After climatic chamber -30°C | | WARP 7.21 % | WEFT 4.33 % |
| ↳ After climatic chamber +70°C | | WARP 7.15 % | WEFT 3.85 % |
| Breaking strength | ISO 1421 | | |
| ↳ Original | | WARP 259.20 daN/5cm | WEFT 178.50 daN/5cm |
| ↳ After color fastness to artificial light | | WARP 229.60 daN/5cm | WEFT 121.30 daN/5cm |
| ↳ After climatic chamber -30°C | | WARP 252.70 daN/5cm | WEFT 174.70 daN/5cm |
| ↳ After climatic chamber +70°C | | WARP 259.40 daN/5cm | WEFT 156.30 daN/5cm |

Front - Interior

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Visual properties

| | |
|--|-------|
| Tv = Visual light transmittance | 5.80% |
| Tuv = UV transmittance | 5.90% |

Solar energetic properties

| | |
|---------------------------------|--------|
| As = Solar absorptance | 88.20% |
| Rs = Solar reflectance | 6.00% |
| Ts = Solar transmittance | 5.80% |

Fabric + glazing: G-factor

| | G | Te | Qi | SC |
|------------------|----------|-----------|-----------|-----------|
| Glazing A | 0.62 | 0.05 | 0.58 | 0.73 |
| Glazing B | 0.63 | 0.04 | 0.59 | 0.83 |
| Glazing C | 0.54 | 0.03 | 0.51 | 0.91 |
| Glazing D | 0.30 | 0.02 | 0.28 | 0.93 |

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

Visual comfort

| | | |
|--|---------|---------------|
| Normal solar transmittance | Class 3 | Good effect |
| Glare control | Class 1 | Little effect |
| Privacy night | Class 1 | Little effect |
| Visual contact with the outside | Class 3 | Good effect |
| Daylight utilisation | Class 1 | Little effect |

Thermal comfort G-factor = Total solar energy transmittance

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

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