Natté 380 - charcoal | charcoal (010010)

Technical info

FRONT

BACK

Widths		200 cm | 250 cm | 320 cm
Composition		Fibreglass 36% - PVC 64%
Openness factor	NBN EN 410	5.00%
Weight	NF EN 12127	385.00 g/m²
Thickness	ISO 5084	0.35 mm
Density	ISO 7211/2	WARP 20.00 yarn/cm WEFT 20.00 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	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

Natté 380 - charcoal | charcoal (010010) — Technical info

Tear strength	ISO 4674-1 methode 2		
└ Original		WARP 4.90 daN	WEFT 4.70 daN
└ After climatic chamber -30°C		WARP 5.10 daN	WEFT 5.15 daN
└ After climatic chamber +70°C		WARP 5.30 daN	WEFT 4.80 daN
Elongation up to break	ISO 1421		
└ Original		WARP 3.70 %	WEFT 3.20 %
└ After color fastness to artificial light		WARP 3.70 %	WEFT 3.00 %
└ After climatic chamber -30°C		WARP 4.00 %	WEFT 3.00 %
└ After climatic chamber +70°C		WARP 3.60 %	WEFT 2.90 %
Breaking strength	ISO 1421		
└ Original		WARP 160.00 daN/5cm	WEFT 160.00 daN/5cm
└ After color fastness to artificial light		WARP 150.00 daN/5cm	WEFT 160.00 daN/5cm
└ After climatic chamber -30°C		WARP 150.00 daN/5cm	WEFT 140.00 daN/5cm
└ After climatic chamber +70°C		WARP 120.00 daN/5cm	WEFT 120.00 daN/5cm

Front - Interior — Natté 380 - charcoal | charcoal (010010)

Visual properties	
Tv = Visual light transmittance	6.30%
Tuv = UV transmittance	6.30%

Solar energetic properties	
As = Solar absorptance	88.00%
Rs = Solar reflectance	5.70%
Ts = Solar transmittance	6.30%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.69	0.05	0.64	0.81
Glazing B	0.67	0.04	0.62	0.88
Glazing C	0.55	0.03	0.52	0.93
Glazing D	0.30	0.02	0.29	0.95

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

Back - Interior — Natté 380 - charcoal | charcoal (010010)

Visual properties	
Tv = Visual light transmittance	6.30%
Tuv = UV transmittance	6.30%

Solar energetic properties	
As = Solar absorptance	88.00%
Rs = Solar reflectance	5.70%
Ts = Solar transmittance	6.30%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.69	0.05	0.64	0.81
Glazing B	0.67	0.04	0.62	0.88
Glazing C	0.55	0.03	0.52	0.93
Glazing D	0.30	0.02	0.29	0.95

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