copaco screenweavers

Natté 380P - white | white (002002)

Technical info

FRONT

BACK

Widths		250 cm
Composition		Polyester with PVC coating
Openness factor	NBN EN 410	5.00%
Weight	NF EN 12127	415.00 g/m²
Thickness	ISO 5084	0.42 mm
Density	ISO 7211/2	WARP 18.00 yarn/cm WEFT 19.00 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	
└ Italy	UNI 9177	Class 1
└ Germany	DIN 4102	
└ UK	BS 5867	
└ USA	NFPA 701	FR

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Tear strength	ISO 4674-1 methode 2		
└ Original		WARP 4.10 daN	WEFT 3.65 daN
└ After climatic chamber -30°C		WARP 3.95 daN	WEFT 3.80 daN
└ After climatic chamber +70°C		WARP 4.25 daN	WEFT 3.65 daN
Elongation up to break	ISO 1421		
└ Original		WARP 23.50 %	WEFT 20.50 %
└ After color fastness to artificial light		WARP 23.00 %	WEFT 21.00 %
└ After climatic chamber -30°C		WARP 23.00 %	WEFT 20.00 %
└ After climatic chamber +70°C		WARP 24.00 %	WEFT 21.50 %
Breaking strength	ISO 1421		
└ Original		WARP 165.00 daN/5cm	WEFT 155.00 daN/5cm
└ After color fastness to artificial light		WARP 160.00 daN/5cm	WEFT 160.00 daN/5cm
└ After climatic chamber -30°C		WARP 165.00 daN/5cm	WEFT 165.00 daN/5cm
└ After climatic chamber +70°C		WARP 165.00 daN/5cm	WEFT 165.00 daN/5cm

Front - Interior

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Visual properties	
Tv = Visual light transmittance	23.60%
Tuv = UV transmittance	5.90%

Solar energetic properties	
As = Solar absorptance	11.10%
Rs = Solar reflectance	62.00%
Ts = Solar transmittance	26.90%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.39	0.23	0.15	0.46
Glazing B	0.39	0.20	0.19	0.52
Glazing C	0.37	0.16	0.21	0.63
Glazing D	0.26	0.10	0.16	0.80

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 0	Very little effect
Privacy night	Class 1	Little effect
Visual contact with the outside	Class 1	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 2	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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