copaco screenweavers

cool

Verso 3 - white | white (002002)

Technical info

FRONT

BACK

Widths		160 cm | 250 cm | 320 cm
Composition		Fibreglass 36% - PVC 64%
Openness factor	NBN EN 410	3.00%
Weight	NF EN 12127	470.00 g/m²
Thickness	ISO 5084	0.55 mm
Density	ISO 7211/2	WARP 24.00 yarn/cm WEFT 23.00 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 5.90 daN	WEFT 4.60 daN
└ After climatic chamber -30°C		WARP 6.30 daN	WEFT 5.50 daN
└ After climatic chamber +70°C		WARP 6.00 daN	WEFT 4.70 daN
Elongation up to break	ISO 1421		
└ Original		WARP 2.70 %	WEFT 3.60 %
└ After color fastness to artificial light		WARP 2.90 %	WEFT 3.30 %
└ After climatic chamber -30°C		WARP 2.75 %	WEFT 2.40 %
└ After climatic chamber +70°C		WARP 2.30 %	WEFT 2.35 %
Breaking strength	ISO 1421		
└ Original		WARP 155.00 daN/5cm	WEFT 180.00 daN/5cm
└ After color fastness to artificial light		WARP 160.00 daN/5cm	WEFT 170.00 daN/5cm
└ After climatic chamber -30°C		WARP 150.00 daN/5cm	WEFT 110.00 daN/5cm
└ After climatic chamber +70°C		WARP 100.00 daN/5cm	WEFT 100.00 daN/5cm

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Front - Interior

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Visual properties	
Tv = Visual light transmittance	20.10%
Tuv = UV transmittance	3.00%

Solar energetic properties	
As = Solar absorptance	13.40%
Rs = Solar reflectance	65.80%
Ts = Solar transmittance	20.80%

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	0.12	0.23	0.61
Glazing D	0.25	0.07	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

Back - Interior

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Visual properties	
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Tuv = UV transmittance	3.00%

Solar energetic properties	
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Rs = Solar reflectance	66.20%
Ts = Solar transmittance	20.80%

Fabric + glazing: G-factor

	G	Te	Qi	SC
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Glazing B	0.37	0.16	0.21	0.49
Glazing C	0.36	0.12	0.23	0.60
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

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