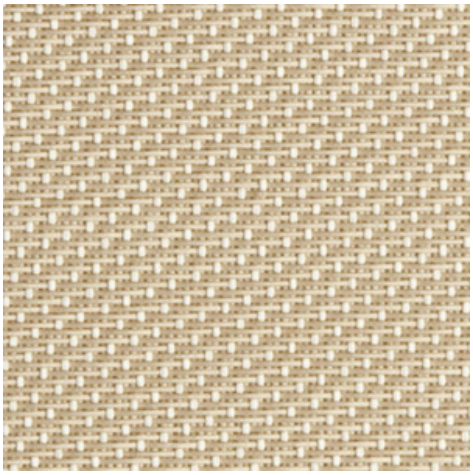
copaco screenweavers

cool

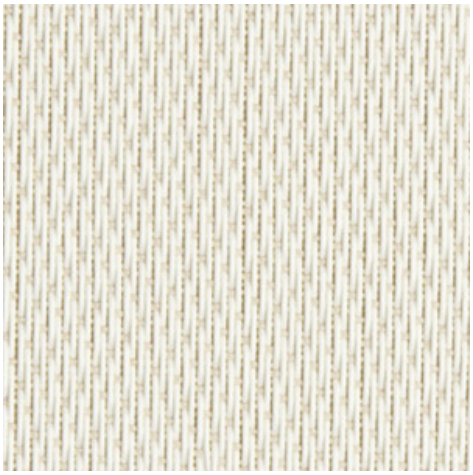
Verso 1 - white | sand (002003)

Technical info

FRONT



BACK



Widths		160 cm | 250 cm
Composition		Fibreglass 36% - PVC 64%
Openness factor	NF EN 12127	1.00%
Weight	NF EN 12127	465.00 g/m²
Thickness	ISO 5084	0.60 mm
Density	ISO 7211/2	WARP 24.00 yarn/cm WEFT 25.00 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

Verso 1 - white | sand (002003)

Technical info

Tear strength	ISO 4674-1 methode 2		
└ Original		WARP 2.20 daN	WEFT 2.40 daN
└ After climatic chamber -30°C		WARP 2.05 daN	WEFT 2.10 daN
└ After climatic chamber +70°C		WARP 2.30 daN	WEFT 2.70 daN
Elongation up to break	ISO 1421		
└ Original		WARP 2.85 %	WEFT 2.40 %
└ After color fastness to artificial light		WARP 3.10 %	WEFT 2.90 %
└ After climatic chamber -30°C		WARP 2.10 %	WEFT 2.60 %
└ After climatic chamber +70°C		WARP 2.00 %	WEFT 2.70 %
Breaking strength	ISO 1421		
└ Original		WARP 185.00 daN/5cm	WEFT 130.00 daN/5cm
└ After color fastness to artificial light		WARP 175.00 daN/5cm	WEFT 140.00 daN/5cm
└ After climatic chamber -30°C		WARP 115.00 daN/5cm	WEFT 120.00 daN/5cm
└ After climatic chamber +70°C		WARP 100.00 daN/5cm	WEFT 100.00 daN/5cm

Front - Interior — Verso 1 - white | sand (002003)

Visual properties	
Tv = Visual light transmittance	9.20%
Tuv = UV transmittance	1.80%

Solar energetic properties	
As = Solar absorptance	38.80%
Rs = Solar reflectance	48.20%
Ts = Solar transmittance	13.00%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.45	0.11	0.34	0.53
Glazing B	0.46	0.10	0.36	0.60
Glazing C	0.41	0.07	0.34	0.70
Glazing D	0.27	0.04	0.22	0.83

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 1	Little effect
Daylight utilisation	Class 1	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

Back - Interior

Verso 1 - white | sand (002003)

Visual properties	
Tv = Visual light transmittance	9.20%
Tuv = UV transmittance	1.80%

Solar energetic properties	
As = Solar absorptance	27.70%
Rs = Solar reflectance	59.30%
Ts = Solar transmittance	13.00%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.38	0.11	0.27	0.45
Glazing B	0.40	0.10	0.30	0.52
Glazing C	0.38	0.08	0.30	0.64
Glazing D	0.26	0.05	0.21	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 4	Very good effect
Glare control	Class 1	Little effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 1	Little effect
Daylight utilisation	Class 1	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 1	Class 0	Class 0	Class 1

Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect