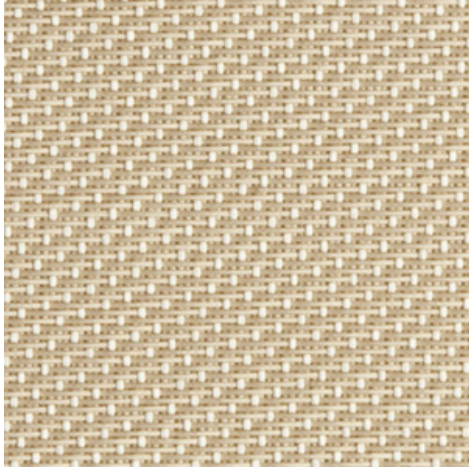


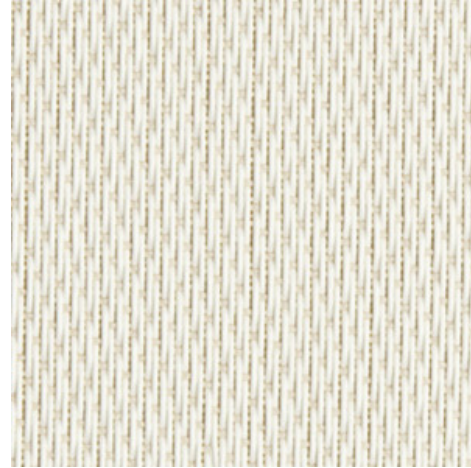
Ecrano - weiß | sand (002003)

Technical info

FRONT



BACK



Widths		270 cm
Composition		Glasfaser 42% - PVC 58%
Openness factor	NBN EN 410	2.00%
Weight	NF EN 12127	650.00 g/m ²
Thickness	ISO 5084	0.90 mm
Density	ISO 7211/2	WARP 18.00 yarn/cm WEFT 21.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	>7
Color fastness to artificial weathering	ISO 105 B04	>7
Air permeability	ISO 9237	1 930.00l/m ² /s
Roll length		30 m
Cleaning		Mit Seifenwasser
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

Ecrano - weiß sand (002003)		Technical info	
Tear strength	ISO 4674-1 methode 2		
↳ Original		WARP 6.90 daN	WEFT 6.50 daN
↳ After climatic chamber -30°C		WARP 6.60 daN	WEFT 6.80 daN
↳ After climatic chamber +70°C		WARP 6.50 daN	WEFT 6.50 daN
Elongation up to break	ISO 1421		
↳ Original		WARP 4.10 %	WEFT 4.00 %
↳ After colour fastness to artificial weathering		WARP 4.00 %	WEFT 3.60 %
↳ After climatic chamber -30°C		WARP 4.20 %	WEFT 4.20 %
↳ After climatic chamber +70°C		WARP 4.40 %	WEFT 4.30 %
Breaking strength	ISO 1421		
↳ Original		WARP 360.00 daN/5cm	WEFT 300.00 daN/5cm
↳ After colour fastness to artificial weathering		WARP 330.00 daN/5cm	WEFT 250.00 daN/5cm
↳ After climatic chamber -30°C		WARP 355.00 daN/5cm	WEFT 318.00 daN/5cm
↳ After climatic chamber +70°C		WARP 355.00 daN/5cm	WEFT 310.00 daN/5cm

Front - Interior	Ecran - weiß sand (002003)
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Visual properties	
Tv = Visual light transmittance	6.40%
Tuv = UV transmittance	3.00%

Solar energetic properties	
As = Solar absorptance	53.60%
Rs = Solar reflectance	38.30%
Ts = Solar transmittance	8.10%

Fabric + glazing: G-factor				
	G	Te	Qi	SC
Glazing A	0.46	0.07	0.39	0.54
Glazing B	0.48	0.06	0.42	0.63
Glazing C	0.44	0.04	0.39	0.74
Glazing D	0.27	0.03	0.25	0.85

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 2	Moderate effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate 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	Ecran - weiß sand (002003)
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Visual properties	
Tv = Visual light transmittance	6.40%
Tuv = UV transmittance	3.00%

Solar energetic properties	
As = Solar absorptance	34.80%
Rs = Solar reflectance	57.10%
Ts = Solar transmittance	8.10%

Fabric + glazing: G-factor				
	G	Te	Qi	SC
Glazing A	0.37	0.07	0.29	0.43
Glazing B	0.39	0.06	0.33	0.52
Glazing C	0.38	0.05	0.33	0.64
Glazing D	0.26	0.03	0.23	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 2	Moderate effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate 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

Front - Exterior

Ecran - weiß | sand (002003)

Visual properties

Tv = Visual light transmittance	6.40%
Tuv = UV transmittance	3.00%

Solar energetic properties

As = Solar absorptance	53.60%
Rs = Solar reflectance	38.30%
Ts = Solar transmittance	8.10%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.15	0.07	0.08	0.18
Glazing B	0.12	0.06	0.06	0.16
Glazing C	0.08	0.05	0.03	0.14
Glazing D	0.06	0.03	0.03	0.19

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

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 3	Class 3	Class 4	Class 4

Thermal comfort Qi-factor = Secondary heat transfer factor

Glazing A	Glazing B	Glazing C	Glazing D
Class 3	Class 3	Class 3	Class 3

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

Back - Exterior

Ecran - weiß | sand (002003)

Visual properties

Tv = Visual light transmittance	6.40%
Tuv = UV transmittance	3.00%

Solar energetic properties

As = Solar absorptance	34.80%
Rs = Solar reflectance	57.10%
Ts = Solar transmittance	8.10%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.12	0.07	0.05	0.14
Glazing B	0.10	0.06	0.04	0.13
Glazing C	0.07	0.04	0.03	0.12
Glazing D	0.05	0.02	0.03	0.16

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

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 3	Class 3	Class 4	Class 4

Thermal comfort Qi-factor = Secondary heat transfer factor

Glazing A	Glazing B	Glazing C	Glazing D
Class 3	Class 3	Class 4	Class 4

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