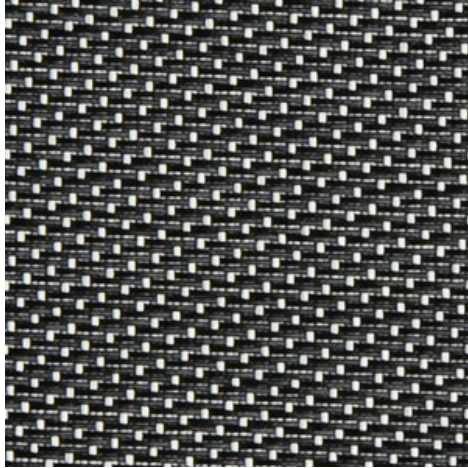


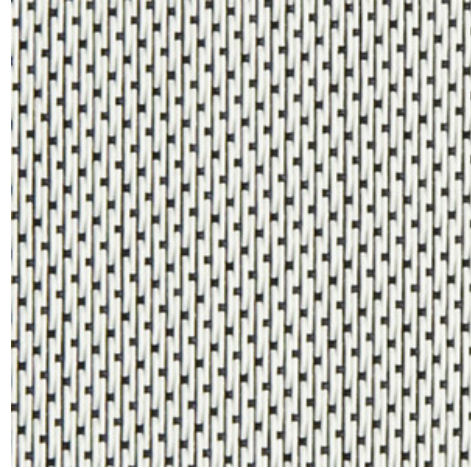
Ecrano - white | bronze (002011)

Technical info

FRONT



BACK



Widths		270 cm
Composition		Glassfibre 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		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

Ecrano - white bronze (002011)		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 - white bronze (002011)
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Visual properties	
Tv = Visual light transmittance	4.30%
Tuv = UV transmittance	2.80%

Solar energetic properties	
As = Solar absorptance	84.20%
Rs = Solar reflectance	11.50%
Ts = Solar transmittance	4.30%

Fabric + glazing: G-factor				
	G	Te	Qi	SC
Glazing A	0.59	0.04	0.56	0.70
Glazing B	0.60	0.03	0.57	0.80
Glazing C	0.52	0.02	0.50	0.88
Glazing D	0.29	0.01	0.28	0.91

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 3	Good 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 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

Front - Exterior

Ecran - white | bronze (002011)

Visual properties

Tv = Visual light transmittance	4.30%
Tuv = UV transmittance	2.80%

Solar energetic properties

As = Solar absorptance	84.20%
Rs = Solar reflectance	11.50%
Ts = Solar transmittance	4.30%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.16	0.04	0.12	0.19
Glazing B	0.12	0.03	0.09	0.16
Glazing C	0.07	0.02	0.05	0.12
Glazing D	0.06	0.01	0.05	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 2	Class 3	Class 4	Class 4

Thermal comfort Qi-factor = Secondary heat transfer factor

Glazing A	Glazing B	Glazing C	Glazing D
Class 2	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 - Interior

Ecran - white | bronze (002011)

Visual properties

Tv = Visual light transmittance	4.30%
Tuv = UV transmittance	2.80%

Solar energetic properties

As = Solar absorptance	48.90%
Rs = Solar reflectance	46.80%
Ts = Solar transmittance	4.30%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.41	0.04	0.37	0.48
Glazing B	0.44	0.03	0.41	0.58
Glazing C	0.41	0.02	0.38	0.69
Glazing D	0.26	0.01	0.25	0.82

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 3	Good 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 - Exterior

Ecran - white | bronze (002011)

Visual properties

Tv = Visual light transmittance	4.30%
Tuv = UV transmittance	2.80%

Solar energetic properties

As = Solar absorptance	48.90%
Rs = Solar reflectance	46.80%
Ts = Solar transmittance	4.30%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.11	0.04	0.07	0.13
Glazing B	0.08	0.03	0.05	0.11
Glazing C	0.05	0.02	0.03	0.09
Glazing D	0.04	0.01	0.03	0.13

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 4	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