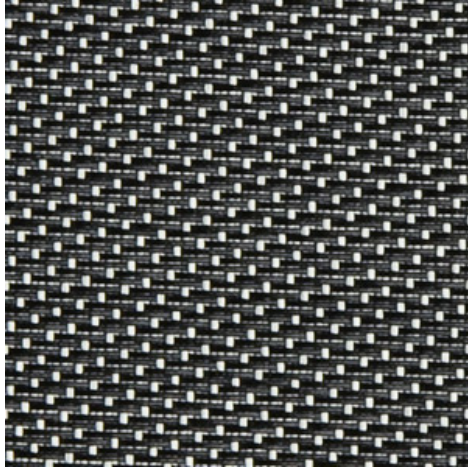


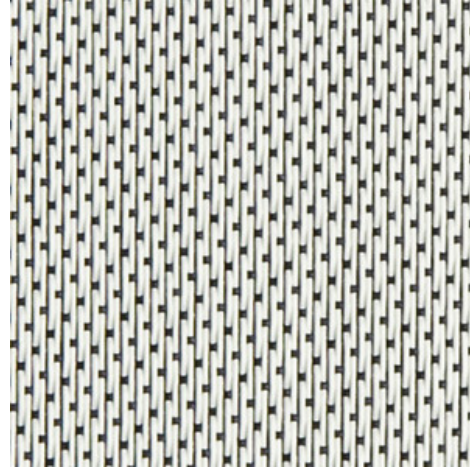
Ecrano - weiß | schwarz (002010)

Technical info

FRONT



BACK



<b>Widths</b>		270 cm
<b>Composition</b>		Glasfaser 42% - PVC 58%
<b>Openness factor</b>	NBN EN 410	2.00%
<b>Weight</b>	NF EN 12127	650.00 g/m <sup>2</sup>
<b>Thickness</b>	ISO 5084	0.90 mm
<b>Density</b>	ISO 7211/2	WARP 18.00 yarn/cm      WEFT 21.00 yarn/cm
<b>Color fastness to artificial light</b>	ISO 105 B02	>7
<b>Color fastness to artificial weathering</b>	ISO 105 B04	>7
<b>Air permeability</b>	ISO 9237	1 930.00l/m <sup>2</sup> /s
<b>Roll length</b>		30 m
<b>Cleaning</b>		Mit Seifenwasser
<b>Confection</b>		By heat, high frequency or ultrasonic welding
<b>Fire classification</b>		
└ 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   schwarz (002010)		Technical info	
<b>Tear strength</b>	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
<b>Elongation up to break</b>	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 %
<b>Breaking strength</b>	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**

Ecrano - weiß | schwarz (002010)

**Visual properties**

<b>Tv = Visual light transmittance</b>	3.00%
<b>Tuv = UV transmittance</b>	1.90%

**Solar energetic properties**

<b>As = Solar absorptance</b>	87.10%
<b>Rs = Solar reflectance</b>	9.90%
<b>Ts = Solar transmittance</b>	3.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.60	0.03	0.57	0.70
<b>Glazing B</b>	0.61	0.02	0.59	0.80
<b>Glazing C</b>	0.52	0.02	0.51	0.89
<b>Glazing D</b>	0.29	0.01	0.29	0.92

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

**Visual comfort**

<b>Normal solar transmittance</b>	Class 4	Very good effect
<b>Glare control</b>	Class 3	Good effect
<b>Privacy night</b>	Class 2	Moderate effect
<b>Visual contact with the outside</b>	Class 2	Moderate effect
<b>Daylight utilisation</b>	Class 1	Little effect

**Thermal comfort G-factor = Total solar energy transmittance**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 0	Class 0	Class 0	Class 2

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
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 | schwarz (002010)

**Visual properties**

<b>Tv = Visual light transmittance</b>	3.00%
<b>Tuv = UV transmittance</b>	1.90%

**Solar energetic properties**

<b>As = Solar absorptance</b>	49.30%
<b>Rs = Solar reflectance</b>	47.70%
<b>Ts = Solar transmittance</b>	3.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.40	0.03	0.38	0.47
<b>Glazing B</b>	0.43	0.02	0.41	0.57
<b>Glazing C</b>	0.41	0.02	0.39	0.69
<b>Glazing D</b>	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**

<b>Normal solar transmittance</b>	Class 4	Very good effect
<b>Glare control</b>	Class 3	Good effect
<b>Privacy night</b>	Class 2	Moderate effect
<b>Visual contact with the outside</b>	Class 2	Moderate effect
<b>Daylight utilisation</b>	Class 1	Little effect

**Thermal comfort G-factor = Total solar energy transmittance**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 1	Class 1	Class 1	Class 2

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
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**

Ecrano - weiß | schwarz (002010)

**Visual properties**

<b>Tv = Visual light transmittance</b>	3.00%
<b>Tuv = UV transmittance</b>	1.90%

**Solar energetic properties**

<b>As = Solar absorptance</b>	87.10%
<b>Rs = Solar reflectance</b>	9.90%
<b>Ts = Solar transmittance</b>	3.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.15	0.03	0.12	0.18
<b>Glazing B</b>	0.11	0.02	0.09	0.15
<b>Glazing C</b>	0.07	0.02	0.05	0.11
<b>Glazing D</b>	0.06	0.01	0.05	0.17

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**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 2	Class 3	Class 4	Class 4

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
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 - Exterior**

Ecrano - weiß | schwarz (002010)

**Visual properties**

<b>Tv = Visual light transmittance</b>	3.00%
<b>Tuv = UV transmittance</b>	1.90%

**Solar energetic properties**

<b>As = Solar absorptance</b>	49.30%
<b>Rs = Solar reflectance</b>	47.70%
<b>Ts = Solar transmittance</b>	3.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.10	0.03	0.07	0.11
<b>Glazing B</b>	0.07	0.02	0.05	0.10
<b>Glazing C</b>	0.05	0.02	0.03	0.08
<b>Glazing D</b>	0.04	0.01	0.03	0.12

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**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 4	Class 4	Class 4	Class 4

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 3	Class 3	Class 3	Class 4

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