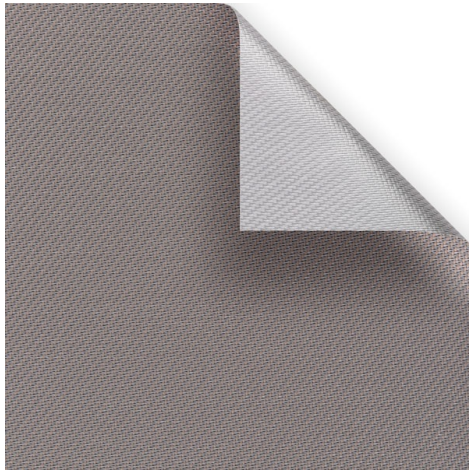


**Serge 600 Blockout Lunar - oyster shell**  
(033001)

Technical info

FRONT

BACK



<b>Widths</b>		210 cm
<b>Composition</b>		Fibreglass 33% - PVC 47% - PVC laminate 20%
<b>Openness factor</b>	NBN EN 410	0.00%
<b>Weight</b>	NF EN 12127	678.00 g/m <sup>2</sup>
<b>Thickness</b>	ISO 5084	0.73 mm
<b>Density</b>	ISO 7211/2	WARP 18.00 yarn/cm      WEFT 14.00 yarn/cm
<b>Color fastness to artificial weathering</b>	ISO 105 B04	>7
<b>Air permeability</b>	ISO 9237	0.0
<b>Roll length</b>		30 m
<b>Cleaning</b>		With soapy water
<b>Confection</b>		By heat, high frequency or ultrasonic welding
<b>Fire classification</b>		
└ Germany	DIN 4102	B1
└ UK	BS 5867	awaiting test results
└ USA	NFPA 701	awaiting test results
└ France	NF P92-503	M1
└ Italy	UNI 9177	Class 1

## Serge 600 Blockout Lunar - oyster shell (033001)

## Technical info

<b>Tear strength</b>	ISO 4674-1 methode 2		
↳ Original		WARP 8.50 daN	WEFT 9.00 daN
↳ After climatic chamber -30°C		WARP 8.40 daN	WEFT 9.30 daN
↳ After climatic chamber +70°C		WARP 8.80 daN	WEFT 9.30 daN
<b>Elongation up to break</b>	ISO 1421		
↳ Original		WARP 6.40 %	WEFT 7.30 %
↳ After colour fastness to artificial weathering		WARP 6.50 %	WEFT 7.00 %
↳ After climatic chamber -30°C		WARP 6.20 %	WEFT 6.90 %
↳ After climatic chamber +70°C		WARP 6.40 %	WEFT 6.70 %
<b>Breaking strength</b>	ISO 1421		
↳ Original		WARP 224.20 daN/5cm	WEFT 176.60 daN/5cm
↳ After colour fastness to artificial weathering		WARP 214.20 daN/5cm	WEFT 168.00 daN/5cm
↳ After climatic chamber -30°C		WARP 222.40 daN/5cm	WEFT 162.60 daN/5cm
↳ After climatic chamber +70°C		WARP 213.90 daN/5cm	WEFT 161.60 daN/5cm
<b>Recommendations</b>		To be used in sunscreensystems with Zipscreens.	

**Front - Interior**

 Serge 600 Blockout Lunar - oyster shell  
(033001)

**Visual properties**

<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

**Solar energetic properties**

<b>As = Solar absorptance</b>	81.80%
<b>Rs = Solar reflectance</b>	18.20%
<b>Ts = Solar transmittance</b>	0.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.55	0.00	0.55	0.65
<b>Glazing B</b>	0.57	0.00	0.57	0.75
<b>Glazing C</b>	0.50	0.00	0.50	0.84
<b>Glazing D</b>	0.29	0.00	0.29	0.89

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 4	Very 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 0	Very 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 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

**Back - Interior**

 Serge 600 Blockout Lunar - oyster shell  
(033001)

**Visual properties**

<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

**Solar energetic properties**

<b>As = Solar absorptance</b>	66.60%
<b>Rs = Solar reflectance</b>	33.40%
<b>Ts = Solar transmittance</b>	0.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.47	0.00	0.47	0.55
<b>Glazing B</b>	0.50	0.00	0.50	0.65
<b>Glazing C</b>	0.45	0.00	0.45	0.76
<b>Glazing D</b>	0.27	0.00	0.27	0.85

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 4	Very 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 0	Very 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**

 Serge 600 Blockout Lunar - oyster shell  
(033001)

**Visual properties**

<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

**Solar energetic properties**

<b>As = Solar absorptance</b>	81.80%
<b>Rs = Solar reflectance</b>	18.20%
<b>Ts = Solar transmittance</b>	0.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.12	0.00	0.12	0.14
<b>Glazing B</b>	0.08	0.00	0.08	0.11
<b>Glazing C</b>	0.04	0.00	0.04	0.07
<b>Glazing D</b>	0.04	0.00	0.04	0.13

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 4	Very 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 0	Very 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 3	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 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**

 Serge 600 Blockout Lunar - oyster shell  
(033001)

**Visual properties**

<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

**Solar energetic properties**

<b>As = Solar absorptance</b>	66.60%
<b>Rs = Solar reflectance</b>	33.40%
<b>Ts = Solar transmittance</b>	0.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.09	0.00	0.09	0.11
<b>Glazing B</b>	0.07	0.00	0.07	0.09
<b>Glazing C</b>	0.04	0.00	0.04	0.06
<b>Glazing D</b>	0.03	0.00	0.03	0.10

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 4	Very 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 0	Very 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 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 3

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