

Serge 600 Blockout - white-white | grey
(020201)

Technical info

FRONT



BACK



Widths		155 cm
Composition		Serge 600 laminated with a PVC sheet
Openness factor	NBN EN 410	0.00%
Weight	NF EN 12127	800.00 g/m ²
Thickness	ISO 5084	0.56 mm
Density	ISO 7211/2	WARP 18.00 yarn/cm WEFT 14.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	>7
Roll length		50 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

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Tear strength	ISO 4674-1 methode 2		
↳ Original		WARP 9.70 daN	WEFT 8.90 daN
↳ After climatic chamber -30°C		WARP 9.60 daN	WEFT 9.00 daN
↳ After climatic chamber +70°C		WARP 10.20 daN	WEFT 9.20 daN
Elongation up to break	ISO 1421		
↳ Original		WARP 3.40 %	WEFT 3.50 %
↳ After color fastness to artificial light		WARP 3.60 %	WEFT 4.00 %
↳ After climatic chamber -30°C		WARP 3.60 %	WEFT 3.70 %
↳ After climatic chamber +70°C		WARP 3.90 %	WEFT 3.90 %
Breaking strength	ISO 1421		
↳ Original		WARP 310.00 daN/5cm	WEFT 230.00 daN/5cm
↳ After color fastness to artificial light		WARP 310.00 daN/5cm	WEFT 240.00 daN/5cm
↳ After climatic chamber -30°C		WARP 300.00 daN/5cm	WEFT 210.00 daN/5cm
↳ After climatic chamber +70°C		WARP 305.00 daN/5cm	WEFT 240.00 daN/5cm

Front - Interior

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Visual properties

Tv = Visual light transmittance	0.00%
Tuv = UV transmittance	0.00%

Solar energetic properties

As = Solar absorptance	26.80%
Rs = Solar reflectance	73.20%
Ts = Solar transmittance	0.00%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.28	0.00	0.28	0.33
Glazing B	0.32	0.00	0.32	0.42
Glazing C	0.33	0.00	0.33	0.56
Glazing D	0.24	0.00	0.24	0.76

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 4	Very good effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate effect
Daylight utilisation	Class 0	Very little effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 2	Class 2	Class 2	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

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Visual properties

Tv = Visual light transmittance	0.00%
Tuv = UV transmittance	0.00%

Solar energetic properties

As = Solar absorptance	71.70%
Rs = Solar reflectance	28.30%
Ts = Solar transmittance	0.00%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.55	0.00	0.55	0.64
Glazing B	0.55	0.00	0.55	0.72
Glazing C	0.48	0.00	0.48	0.81
Glazing D	0.28	0.00	0.28	0.88

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 4	Very good effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate effect
Daylight utilisation	Class 0	Very little effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 0	Class 0	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