

Out - Serge 1% / 002002 White | White

front:



back:



Widths

270 cm

TECHNICAL SPECIFICATION			STANDARD	RESULT
composition			Glassfibre 42% - PVC 58%	
openness factor			NBN EN 410	1.00%
weight			NF EN 12127	620.00g/m ²
thickness			ISO 5084	0.80mm
density		warp	ISO 7211/2	20.00yarn/cm
		weft		18.00yarn/cm
colour fastness to artificial light			ISO 105 B02	>7
colour fastness to artificial weathering			ISO 105 B04	>7
tear strength	original	warp	ISO 4674-1 method 2	5.90daN
		weft		6.20daN
elongation up to break	original	warp	ISO 1421	4.70%
		weft		3.80%
breaking strength	original	warp	ISO 1421	321.00daN/5 cm
		weft		277.00daN/5 cm
elongation up to break	after colour fastness to artifical light	warp	ISO 1421	
		weft		
breaking strength	after colour fastness to artifical light	warp	ISO 1421	
		weft		
elongation up to break	after colour fastness to artifical weathering	warp	ISO 1421	4.70%
		weft		3.30%
breaking strength	after colour fastness to artifical weathering	warp	ISO 1421	225.00daN/5 cm
		weft		216.00daN/5 cm
tear strength	after climatic chamber -30°C	warp	ISO 4674-1 method 2	6.00daN
		weft		6.20daN

TECHNICAL SPECIFICATION		STANDARD		RESULT
elongation up to break	after climatic chamber - 30°C	warp	ISO 1421	4.80%
		weft		3.90%
breaking strength	after climatic chamber - 30°C	warp	ISO 1421	236.00daN/5 cm
		weft		279.00daN/5 cm
tear strength	after climatic chamber +70°C	warp	ISO 4674-1 method 2	5.30daN
		weft		5.80daN
elongation up to break	after climatic chamber +70°C	warp	ISO 1421	5.00%
		weft		3.70%
breaking strength	after climatic chamber +70°C	warp	ISO 1421	251.00daN/5 cm
		weft		266.00daN/5 cm
air permeability			ISO 9237	497.00l/m²/s
fire classification	Europe		UNE-EN 13501-1:2007	C-s3,d0
fire classification	France		NF P92-503	M1
fire classification	Italy		UNI 9177	Class 1
fire classification	Germany		DIN 4102	B1
fire classification	UK		BS 5867	C
fire classification	USA		NFPA 701	FR
roll length				30
cleaning				with soapy water
confection				by heat, high frequency or ultrasonic welding

FRONT - INTERIOR

VISUAL PROPERTIES

Tv: Visual light transmittance	12.90%
Tuv: UV transmittance	2.50%

SOLAR ENERGETIC PROPERTIES

As = Solar absorptance	15.90%
Rs = Solar reflectance	71.30%
Ts = Solar transmittance	12.80%

FABRIC + GLAZING: G-FACTOR

Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.30	0.33	0.34	0.24
Te = Direct solar transmittance			
0.11	0.10	0.08	0.05
Qi = Secondary heat transfer factor			
0.19	0.23	0.26	0.20
SC = Shading Coefficient			
0.36	0.44	0.57	0.76

CLASSES

Visual comfort		
Normal solar transmittance	4	Class 0: very little effect
Glare control	1	Class 1: little effect
Privacy night	2	Class 2: moderate effect
Visual contact with the outside	1	Class 3: good effect
Daylight utilisation	2	Class 4: very good effect
Thermal comfort		
G-factor = Total solar energy transmittance		
Glazing A	2	Class 0: very little effect
Glazing B	2	Class 1: little effect
Glazing C	2	Class 2: moderate effect
Glazing D	2	Class 3: good effect
		Class 4: very good effect
Qi-factor = Secondary heat transfer factor		
Glazing A	2	Class 0: very little effect
Glazing B	1	Class 1: little effect
Glazing C	1	Class 2: moderate effect
Glazing D	2	Class 3: good effect
		Class 4: very good effect

FRONT - EXTERIOR

VISUAL PROPERTIES	
Tv: Visual light transmittance	12.90%
Tuv: UV transmittance	2.50%

SOLAR ENERGETIC PROPERTIES	
As = Solar absorptance	15.90%
Rs = Solar reflectance	71.30%
Ts = Solar transmittance	12.80%

FABRIC + GLAZING: G-FACTOR			
Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.14	0.12	0.09	0.06
Te = Direct solar transmittance			
0.11	0.10	0.08	0.04
Qi = Secondary heat transfer factor			
0.03	0.02	0.01	0.02
SC = Shading Coefficient			
0.16	0.16	0.16	0.19

CLASSES		
Visual comfort		
Normal solar transmittance	4	Class 0: very little effect Class 1: little effect Class 2: moderate effect Class 3: good effect Class 4: very good effect
Glare control	1	
Privacy night	2	
Visual contact with the outside	1	
Daylight utilisation	2	
Thermal comfort		
G-factor = Total solar energy transmittance		
Glazing A	3	Class 0: very little effect Class 1: little effect Class 2: moderate effect Class 3: good effect Class 4: very good effect
Glazing B	3	
Glazing C	4	
Glazing D	4	
Qi-factor = Secondary heat transfer factor		
Glazing A	4	Class 0: very little effect Class 1: little effect Class 2: moderate effect Class 3: good effect Class 4: very good effect
Glazing B	4	
Glazing C	4	
Glazing D	4	

BACK - INTERIOR

VISUAL PROPERTIES

Tv: Visual light transmittance	12.90%
Tuv: UV transmittance	2.50%

SOLAR ENERGETIC PROPERTIES

As = Solar absorptance	15.90%
Rs = Solar reflectance	71.30%
Ts = Solar transmittance	12.80%

FABRIC + GLAZING: G-FACTOR

Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.30	0.33	0.34	0.24
Te = Direct solar transmittance			
0.11	0.10	0.08	0.05
Qi = Secondary heat transfer factor			
0.19	0.23	0.26	0.20
SC = Shading Coefficient			
0.36	0.44	0.57	0.76

CLASSES

Visual comfort		
Normal solar transmittance	4	Class 0: very little effect
Glare control	1	Class 1: little effect
Privacy night	2	Class 2: moderate effect
Visual contact with the outside	1	Class 3: good effect
Daylight utilisation	2	Class 4: very good effect
Thermal comfort		
G-factor = Total solar energy transmittance		
Glazing A	2	Class 0: very little effect
Glazing B	2	Class 1: little effect
Glazing C	2	Class 2: moderate effect
Glazing D	2	Class 3: good effect
		Class 4: very good effect
Qi-factor = Secondary heat transfer factor		
Glazing A	2	Class 0: very little effect
Glazing B	1	Class 1: little effect
Glazing C	1	Class 2: moderate effect
Glazing D	2	Class 3: good effect
		Class 4: very good effect

BACK - EXTERIOR

VISUAL PROPERTIES

Tv: Visual light transmittance	12.90%
Tuv: UV transmittance	2.50%

SOLAR ENERGETIC PROPERTIES

As = Solar absorptance	15.90%
Rs = Solar reflectance	71.30%
Ts = Solar transmittance	12.80%

FABRIC + GLAZING: G-FACTOR

Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.14	0.12	0.09	0.06
Te = Direct solar transmittance			
0.11	0.10	0.08	0.05
Qi = Secondary heat transfer factor			
0.03	0.02	0.01	0.02
SC = Shading Coefficient			
0.16	0.16	0.16	0.19

CLASSES

Visual comfort		
Normal solar transmittance	4	Class 0: very little effect
Glare control	1	Class 1: little effect
Privacy night	2	Class 2: moderate effect
Visual contact with the outside	1	Class 3: good effect
Daylight utilisation	2	Class 4: very good effect
Thermal comfort		
G-factor = Total solar energy transmittance		
Glazing A	3	Class 0: very little effect
Glazing B	3	Class 1: little effect
Glazing C	4	Class 2: moderate effect
Glazing D	4	Class 3: good effect
Qi-factor = Secondary heat transfer factor		
Glazing A	4	Class 0: very little effect
Glazing B	4	Class 1: little effect
Glazing C	4	Class 2: moderate effect
Glazing D	4	Class 3: good effect
Class 4: very good effect		