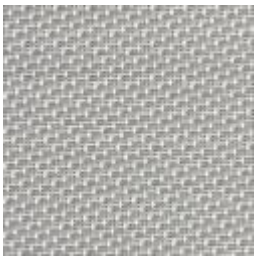
copaco screenweavers

Out - Ecrano / 002007 White | Pearl Grey

front:



back:

Widths
270 cm

TECHNICAL SPECIFICATION			STANDARD	RESULT
composition			Glassfibre 42% - PVC 58%	
openness factor			NBN EN 410	2.00%
weight			NF EN 12127	650.00g/m²
thickness			ISO 5084	0.90mm
density		warp	ISO 7211/2	18.00yarn/cm
		weft		21.00yarn/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	6.90daN
		weft		6.50daN
elongation up to break	original	warp	ISO 1421	4.10%
		weft		4.00%
breaking strength	original	warp	ISO 1421	360.00daN/5 cm
		weft		300.00daN/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	4.00%
		weft		3.60%
breaking strength	after colour fastness to artifical weathering	warp	ISO 1421	330.00daN/5 cm
		weft		250.00daN/5 cm
tear strength	after climatic chamber -30°C	warp	ISO 4674-1 method 2	6.60daN
		weft		6.80daN

copaco
screenweavers

TECHNICAL SPECIFICATION			STANDARD	RESULT
elongation up to break	after climatic chamber -30°C	warp	ISO 1421	4.20%
		weft		4.20%
breaking strength	after climatic chamber -30°C	warp	ISO 1421	355.00daN/5 cm
		weft		318.00daN/5 cm
tear strength	after climatic chamber +70°C	warp	ISO 4674-1 method 2	6.50daN
		weft		6.50daN
elongation up to break	after climatic chamber +70°C	warp	ISO 1421	4.40%
		weft		4.30%
breaking strength	after climatic chamber +70°C	warp	ISO 1421	355.00daN/5 cm
		weft		310.00daN/5 cm
air permeability			ISO 9237	1 930.00l/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

copaco screenweavers

FRONT - INTERIOR

VISUAL PROPERTIES	
Tv: Visual light transmittance	6.30%
Tuv: UV transmittance	3.00%

SOLAR ENERGETIC PROPERTIES	
As = Solar absorptance	58.20%
Rs = Solar reflectance	34.90%
Ts = Solar transmittance	6.90%

FABRIC + GLAZING: G-FACTOR			
Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.48	0.50	0.45	0.27
Te = Direct solar transmittance			
0.06	0.05	0.04	0.02
Qi = Secondary heat transfer factor			
0.42	0.45	0.41	0.25
SC = Shading Coefficient			
0.56	0.65	0.76	0.85

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

copaco screenweavers

FRONT - EXTERIOR

VISUAL PROPERTIES	
Tv: Visual light transmittance	6.30%
Tuv: UV transmittance	3.00%

SOLAR ENERGETIC PROPERTIES	
As = Solar absorptance	58.20%
Rs = Solar reflectance	34.90%
Ts = Solar transmittance	6.90%

FABRIC + GLAZING: G-FACTOR			
Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.14	0.11	0.08	0.06
Te = Direct solar transmittance			
0.06	0.05	0.04	0.02
Qi = Secondary heat transfer factor			
0.08	0.06	0.04	0.04
SC = Shading Coefficient			
0.17	0.15	0.13	0.18

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

copaco screenweavers

BACK - INTERIOR

VISUAL PROPERTIES	
Tv: Visual light transmittance	6.30%
Tuv: UV transmittance	3.00%

SOLAR ENERGETIC PROPERTIES	
As = Solar absorptance	36.30%
Rs = Solar reflectance	56.80%
Ts = Solar transmittance	6.90%

FABRIC + GLAZING: G-FACTOR			
Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.36	0.39	0.38	0.26
Te = Direct solar transmittance			
0.06	0.05	0.04	0.02
Qi = Secondary heat transfer factor			
0.30	0.34	0.34	0.23
SC = Shading Coefficient			
0.43	0.52	0.64	0.80

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

copaco screenweavers

BACK - EXTERIOR

VISUAL PROPERTIES	
Tv: Visual light transmittance	6.30%
Tuv: UV transmittance	3.00%

SOLAR ENERGETIC PROPERTIES	
As = Solar absorptance	36.30%
Rs = Solar reflectance	56.80%
Ts = Solar transmittance	6.90%

FABRIC + GLAZING: G-FACTOR			
Glazing A	Glazing B	Glazing C	Glazing D
G = Total solar energy transmittance			
0.11	0.09	0.06	0.05
Te = Direct solar transmittance			
0.06	0.05	0.04	0.02
Qi = Secondary heat transfer factor			
0.06	0.04	0.03	0.03
SC = Shading Coefficient			
0.13	0.12	0.11	0.15

CLASSES		
Visual comfort		
Normal solar transmittance	4	Class 0: very little effect
Glare control	2	Class 1: little effect
Privacy night	2	Class 2: moderate effect
Visual contact with the outside	2	Class 3: good effect
Daylight utilisation	1	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
		Class 4: very good effect
Qi-factor = Secondary heat transfer factor		
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
		Class 4: very good effect