copaco screenweavers

eco

Ulterio 3% - basalt (089089)

Technical info

FRONT

BACK

Widths		250 cm | 320 cm
Composition		100% Recycled PET bottles
Openness factor	NBN EN 410	3.00%
Weight	NF EN 12127	223.00 g/m²
Thickness	ISO 5084	0.53 mm
Density	ISO 7211/2	WARP 21.00 yarn/cm WEFT 18.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	> 7
Roll length		30 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 5.20 daN	WEFT 6.80 daN
└ After climatic chamber -30°C		WARP 5.00 daN	WEFT 6.20 daN
└ After climatic chamber +70°C		WARP 5.20 daN	WEFT 6.70 daN
Elongation up to break	ISO 1421		
└ Original		WARP 36.00 %	WEFT 33.50 %
Breaking strength	ISO 1421		
└ Original		WARP 160.00 daN/5cm	WEFT 135.00 daN/5cm

Front - Interior

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Visual properties	
Tv = Visual light transmittance	4.60%
Tuv = UV transmittance	4.50%

Solar energetic properties	
As = Solar absorptance	49.90%
Rs = Solar reflectance	32.20%
Ts = Solar transmittance	17.90%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.55	0.15	0.40	0.65
Glazing B	0.54	0.13	0.41	0.71
Glazing C	0.47	0.10	0.37	0.79
Glazing D	0.28	0.06	0.23	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 3	Good effect
Privacy night	Class 2	Moderate effect
Visual contact with the outside	Class 2	Moderate effect
Daylight utilisation	Class 1	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

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