Opac 400 Classic - white (002002)

Technical info

FRONT

BACK

Widths		200 cm | 300 cm
Composition		Fabric of vinyl laminated glassfibre
Openness factor	NBN EN 410	0.00%
Weight	NF EN 12127	432.00 g/m²
Thickness	ISO 5084	0.34 mm
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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Technical info

Tear strength	ISO 4674-1 method 2		
└ Original		WARP 6.90 daN	WEFT 6.30 daN
└ After climatic chamber -30°C		WARP 5.60 daN	WEFT 5.30 daN
└ After climatic chamber +70°C		WARP 6.70 daN	WEFT 5.30 daN
Elongation up to break	ISO 1421		
└ Original		WARP 3.90 %	WEFT 3.74 %
└ After color fastness to artificial light		WARP 3.17 %	WEFT 3.26 %
└ After climatic chamber -30°C		WARP 3.48 %	WEFT 4.24 %
└ After climatic chamber +70°C		WARP 4.32 %	WEFT 4.16 %
Breaking strength	ISO 1421		
└ Original		WARP 168.60 daN/5cm	WEFT 201.30 daN/5cm
└ After color fastness to artificial light		WARP 94.10 daN/5cm	WEFT 105.50 daN/5cm
└ After climatic chamber -30°C		WARP 151.70 daN/5cm	WEFT 221.10 daN/5cm
└ After climatic chamber +70°C		WARP 182.80 daN/5cm	WEFT 223.90 daN/5cm

Front - Interior — Opac 400 Classic - white (002002)

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

Solar energetic properties	
As = Solar absorptance	24.50%
Rs = Solar reflectance	75.30%
Ts = Solar transmittance	0.20%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.27	0.00	0.27	0.32
Glazing B	0.31	0.00	0.31	0.41
Glazing C	0.32	0.00	0.32	0.55
Glazing D	0.24	0.00	0.24	0.75

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

Back - Interior — Opac 400 Classic - white (002002)

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

Solar energetic properties	
As = Solar absorptance	21.70%
Rs = Solar reflectance	78.10%
Ts = Solar transmittance	0.20%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.26	0.00	0.25	0.30
Glazing B	0.29	0.00	0.29	0.39
Glazing C	0.31	0.00	0.31	0.53
Glazing D	0.24	0.00	0.24	0.74

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 1	Class 0	Class 1

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