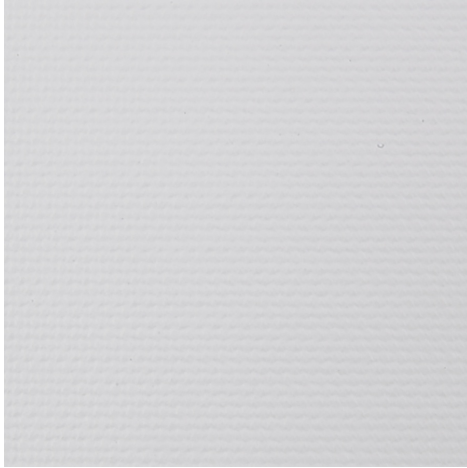


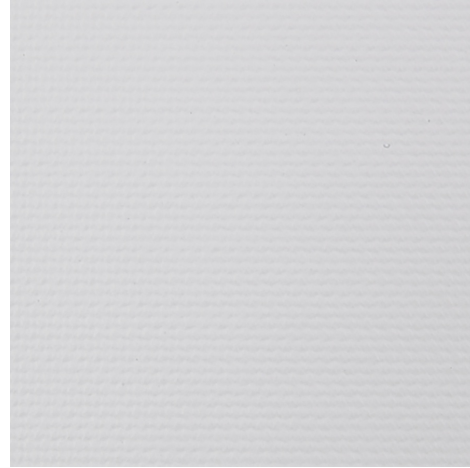
**Opac 400 Classic - perlgrau (007007)**

Technical info

**FRONT**



**BACK**



<b>Widths</b>		200 cm   300 cm
<b>Composition</b>		Fabric of vinyl laminated glassfibre
<b>Openness factor</b>	NBN EN 410	0.00%
<b>Weight</b>	NF EN 12127	432.00 g/m <sup>2</sup>
<b>Thickness</b>	ISO 5084	0.34 mm
<b>Color fastness to artificial light</b>	ISO 105 B02	7
<b>Roll length</b>		30 m
<b>Cleaning</b>		Mit Seifenwasser
<b>Confection</b>		By heat, high frequency or ultrasonic welding
<b>Fire classification</b>		
└ France	NF P92-503	M2
└ Italy	UNI 9177	Class 1
└ Spain	UNE 13773	Clase 1

Opac 400 Classic - perlgrau (007007)		Technical info	
<b>Tear strength</b>	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
<b>Elongation up to break</b>	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 %
<b>Breaking strength</b>	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 - perlgrau (007007)

Visual properties	
<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

Solar energetic properties	
<b>As = Solar absorptance</b>	55.40%
<b>Rs = Solar reflectance</b>	44.60%
<b>Ts = Solar transmittance</b>	0.00%

Fabric + glazing: G-factor				
	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.45	0.00	0.45	0.53
<b>Glazing B</b>	0.47	0.00	0.47	0.61
<b>Glazing C</b>	0.42	0.00	0.42	0.72
<b>Glazing D</b>	0.27	0.00	0.27	0.84

G = Total solar energy transmittance / Te = Direct solar transmittance / Qi = Secondary heat transfer factor / SC = Shading coefficient

Visual comfort		
<b>Normal solar transmittance</b>	Class 4	Very good effect
<b>Glare control</b>	Class 4	Very good effect
<b>Privacy night</b>	Class 2	Moderate effect
<b>Visual contact with the outside</b>	Class 2	Moderate effect
<b>Daylight utilisation</b>	Class 0	Very little effect

Thermal comfort G-factor = Total solar energy transmittance			
<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 1	Class 1	Class 1	Class 2

Thermal comfort Qi-factor = Secondary heat transfer factor			
<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
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

**Back - Interior**

Opac 400 Classic - perlgrau (007007)

**Visual properties**

<b>Tv = Visual light transmittance</b>	0.00%
<b>Tuv = UV transmittance</b>	0.00%

**Solar energetic properties**

<b>As = Solar absorptance</b>	55.70%
<b>Rs = Solar reflectance</b>	44.30%
<b>Ts = Solar transmittance</b>	0.00%

**Fabric + glazing: G-factor**

	<b>G</b>	<b>Te</b>	<b>Qi</b>	<b>SC</b>
<b>Glazing A</b>	0.45	0.00	0.45	0.53
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**Visual comfort**

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**Thermal comfort G-factor = Total solar energy transmittance**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
Class 1	Class 1	Class 1	Class 2

**Thermal comfort Qi-factor = Secondary heat transfer factor**

<b>Glazing A</b>	<b>Glazing B</b>	<b>Glazing C</b>	<b>Glazing D</b>
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Class 0 = Very little effect / 1 = Little effect / 2 = Moderate effect / 3 = Good effect / 4 = Very good effect