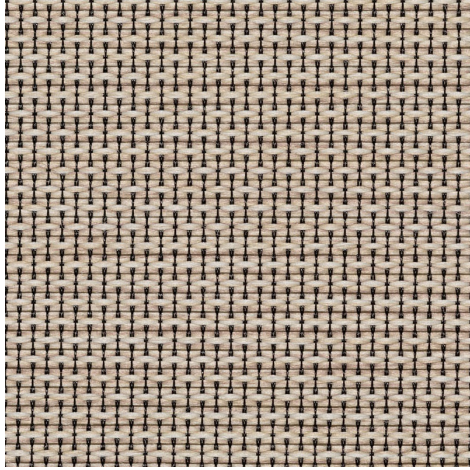
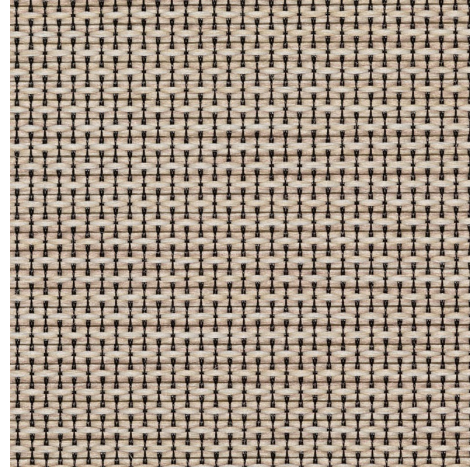


FRONT

BACK


Widths		280 cm
Composition		Polyester 100%
Openness factor	NBN EN 14500-B1	6.00%
Weight	NF EN 12127	160.00 g/m ²
Thickness	ISO 2286-3	0.35 mm
Density	ISO 7211/	WARP 33.00 yarn/cm WEFT 24.00 yarn/cm
Color fastness to artificial light	ISO 105 B02	>6
Roll length		40 m
Cleaning		Mit Seifenwasser
Fire classification		
└ Europe	UNE-EN 13501-1:2007	C-s3, d0
└ France	NF P92-503	M2
└ Germany	DIN 4102	B1
└ Spain	UNE EN 13773-2003	Clase 1

Office 180 - leinen | schwarz (008010)
Technical info

Tear strength	ISO 4674-1B		
└ Original		WARP 2.00 daN	WEFT 0.90 daN
└ After climatic chamber -30°C		WARP 1.70 daN	WEFT 0.90 daN
Elongation up to break	ISO 1421		
└ Original		WARP 16.80 %	WEFT 14.40 %
└ After climatic chamber -30°C		WARP 18.40 %	WEFT 14.30 %
└ After climatic chamber +70°C		WARP 19.30 %	WEFT 14.60 %
Breaking strength	ISO 1421		
└ Original		WARP 19.70 daN/5cm	WEFT 87.50 daN/5cm
└ After climatic chamber -30°C		WARP 21.80 daN/5cm	WEFT 89.40 daN/5cm
└ After climatic chamber +70°C		WARP 1.80 daN/5cm	WEFT 0.80 daN/5cm
└ After climatic chamber +70°C		WARP 23.30 daN/5cm	WEFT 86.40 daN/5cm

Front - Interior

Office 180 - leinen | schwarz (008010)

Visual properties

Tv = Visual light transmittance	15.80%
Tuv = UV transmittance	9.50%

Solar energetic properties

As = Solar absorptance	44.40%
Rs = Solar reflectance	36.50%
Ts = Solar transmittance	19.10%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.49	0.16	0.33	0.58
Glazing B	0.50	0.14	0.36	0.66
Glazing C	0.45	0.10	0.34	0.76
Glazing D	0.27	0.06	0.22	0.86

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

Visual comfort

Normal solar transmittance	Class 3	Good effect
Glare control	Class 0	Very little effect
Privacy night	Class 1	Little effect
Visual contact with the outside	Class 3	Good effect
Daylight utilisation	Class 2	Moderate effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 1	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

Back - Interior

Office 180 - leinen | schwarz (008010)

Visual properties

Tv = Visual light transmittance	15.80%
Tuv = UV transmittance	9.50%

Solar energetic properties

As = Solar absorptance	44.70%
Rs = Solar reflectance	36.20%
Ts = Solar transmittance	19.10%

Fabric + glazing: G-factor

	G	Te	Qi	SC
Glazing A	0.49	0.16	0.33	0.58
Glazing B	0.50	0.14	0.36	0.66
Glazing C	0.45	0.10	0.34	0.76
Glazing D	0.27	0.06	0.22	0.86

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

Visual comfort

Normal solar transmittance	Class 3	Good effect
Glare control	Class 0	Very little effect
Privacy night	Class 1	Little effect
Visual contact with the outside	Class 3	Good effect
Daylight utilisation	Class 2	Moderate effect

Thermal comfort G-factor = Total solar energy transmittance

Glazing A	Glazing B	Glazing C	Glazing D
Class 1	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