



NEDERLUX
COLLECTIONS

Solar Screen Collection



Smart Yarn
Technology

Soltis

Sergé Fabrics

Solar Screen Collection

High quality fibreglass fabrics produced in Europe in the most popular colours, including 9 RAL colours.

With the highest available quality on the market due to the Smart Yarn Technology, this results in less raffling by cutting and provides additional strength.

SPECIFICATIONS

 Yarn		Fibreglass (42%), PVC (58%)
 Openness factor		5%
 Weight EN ISO		515 gr/m ²
 Thickness		0.73mm
 Widths		200 cm - 250 cm - 290 cm - 320 cm
 Standard roll	200 cm	52 lm
	250 cm	52 lm
	290 cm	42 lm
	320 cm	33 lm
 Tensile resistance		300/250 daN/5 cm • 674/562 lbs/2in
 Tear resistance		23/19 daN
 Warranty		5 years
Fire reaction rating: M1/NFP 92-507 – B1/DIN 4102-1, EUROCLASS C-s3, d0		
Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001		



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Technology



The technical data above are averaged values with a +/-5% tolerance

Sergé Fabrics

Solar Screen Collection

THERMAL AND LIGHT TRANSMISSION PROPERTIES ACCORDING TO EN 14501



TS
%

AS
%

RS
%

TV
n-h
%

g_{tot}^e ISO 52022-3*
Glazing
C

Glazing
D

g_{tot}^i ISO 52022-3*
Glazing
C

Glazing
D

White 52101	Face A/B	25	12	63	24,7	0,18	0,10	0,28	0,13
White/Pearl 52102	Face A	19	33	48	16,7	0,14	0,07	0,35	0,18
	Face B	19	28	53	16,7	0,13	0,07	0,33	0,16
White/Sand 52171	Face A	17	38	45	15,6	0,13	0,07	0,37	0,19
	Face B	17	31	52	15,6	0,13	0,07	0,33	0,17
Pearl 52103	Face A/B	16	46	38	13,3	0,12	0,06	0,40	0,21
Pearl/Grey 52104	Face A	11	65	24	9,6	0,09	0,05	0,45	0,24
	Face B	11	60	29	9,6	0,08	0,05	0,42	0,23
Pearl/Linen 52172	Face A	16	36	48	13,2	0,11	0,06	0,35	0,18
	Face B	16	40	44	13,2	0,12	0,06	0,37	0,19
Linen 52173	Face A/B	20	19	61	18,8	0,15	0,08	0,29	0,14
Linen/White 52174	Face A	21	16	63	20,8	0,16	0,08	0,28	0,13
	Face B	21	17	62	20,8	0,16	0,08	0,29	0,14

TS: Solar transmission (%)

AS: Solar absorption (%)

RS: Solar reflection (%)

TS + RS + AS = 100% of incident energy

TV n-h: Normal-hemispherical visible light transmission (%)

* ISO 52022-3 detailed method

Consider the spectral transmission and reflection values for the glazing + blind combination to calculate the solar factor g_{tot} .

Glazing type «D»: Low emission, insulating double glazing - face 2

(4 + 16 + 4; argon-filled) $g = 0,32$ - $U = 1,1$

Sergé Fabrics

Solar Screen Collection

THERMAL AND LIGHT TRANSMISSION PROPERTIES

ACCORDING TO EN 14501



TV
n-h
%

g_{tot}^e ISO 52022-3*

g_{tot}^i ISO 52022-3*

TS
%

AS
%

RS
%

Glazing
C

Glazing
D

Glazing
C

Glazing
D

Linen/Grey 52175	Face A	11	57	32	10,6	0,09	0,06	0,41	0,22
	Face B	11	46	43	10,6	0,09	0,05	0,37	0,19
Sand 52176	Face A/B	10	53	37	8,0	0,18	0,05	0,40	0,21
Sand/Bronze 52177	Face A	6	76	18	5,6	0,06	0,04	0,47	0,26
	Face B	6	68	26	5,6	0,06	0,04	0,44	0,24
Bronze 52178	Face A/B	4	89	7	3,7	0,05	0,04	0,51	0,29
Bronze/Pearl 52179	Face A	5	73	22	5,0	0,06	0,04	0,45	0,25
	Face B	5	80	15	5,0	0,06	0,04	0,48	0,26
Bronze/Grey 52180	Face A	5	83	12	10	0,06	0,04	0,49	0,27
	Face B	5	85	10	5,0	0,06	0,04	0,50	0,28
Grey 52105	Face A/B	7	77	16	6,3	0,06	0,04	0,37	0,19
Grey/White 52142	Face A	11	54	35	9,9	0,08	0,05	0,40	0,21
	Face B	11	63	26	9,9	0,09	0,05	0,44	0,23

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TS + RS + AS = 100% of incident energy

TV n-h: Normal-hemispherical visible light transmission (%)

* ISO 52022-3 detailed method

Consider the spectral transmission and reflection values for the glazing + blind combination to calculate the solar factor g_{tot} .

Glazing type «D»: Low emission, insulating double glazing - face 2

(4 + 16 + 4; argon-filled) $g = 0.32$ - $U = 1.1$

Sergé Fabrics

Solar Screen Collection

THERMAL AND LIGHT TRANSMISSION PROPERTIES ACCORDING TO EN 14501

						g_{tot}^e ISO 52022-3*		g_{tot}^i ISO 52022-3*	
		TS %	AS %	RS %	TV n-h %	Glazing C	Glazing D	Glazing C	Glazing D
Grey/Sand 52181	Face A	6	67	27	5,2	0,06	0,04	0,43	0,24
	Face B	6	72	22	5,2	0,06	0,04	0,46	0,25
Grey/Charcoal 52106	Face A	6	85	9	5,9	0,06	0,04	0,50	0,28
	Face B	6	82	12	5,9	0,06	0,04	0,49	0,27
Charcoal 52107	Face A/B	6	88	6	6,3	0,07	0,04	0,52	0,29
Charcoal/Grey 52108	Face A	6	81	13	6,4	0,06	0,04	0,49	0,27
	Face B	6	84	10	6,4	0,06	0,04	0,50	0,28
Charcoal/ Bronze 52182	Face A	5	89	6	5,4	0,06	0,05	0,52	0,29
	Face B	5	89	6	5,4	0,06	0,05	0,52	0,29
Anthracite Grey 52144	Face A/B	5	89	6	5,3	0,06	0,04	0,50	0,28
Deep Black 52143	Face A/B	4	91	5	4,9	0,06	0,04	0,52	0,29

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TV n-h: Normal-hemispherical visible light transmission (%)

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Consider the spectral transmission and reflection values for the glazing + blind combination to calculate the solar factor g_{tot}.

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(4 + 16 + 4; argon-filled) g = 0.32 - U = 1.1

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White
52101

RAL 9003



White/Pearl A
52102



White/Pearl B
52102



White/Sand A
52171



White/Sand B
52171



Pearl
52103

RAL 7038



Pearl/Grey A
52104



Pearl/Grey B
52104



Pearl/Linen A
52172



Pearl/Linen B
52172

The published RAL colours are for indicational purposes only

Sergé Fabrics

Solar Screen Collection



Linen
52173

RAL 1015



Linen/White A
52174



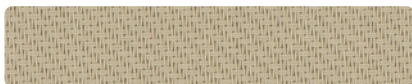
Linen/White B
52174



Linen/Grey A
52175

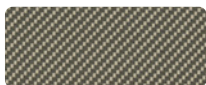


Linen/Grey B
52175



Sand
52176

RAL 1019



Sand/Bronze A
52177



Sand/Bronze B
52177



Bronze
52178

RAL 8014

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Sergé Fabrics

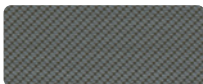
Solar Screen Collection



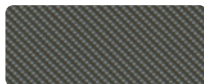
Bronze/Pearl A
52179



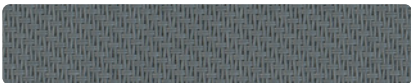
Bronze/Pearl A
52179



Bronze/Grey A
52180



Bronze/Grey B
52180

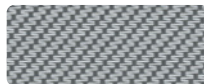


Grey/Grey
52105

RAL 7037



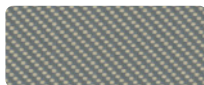
Grey/White A
52142



Grey/White B
52142



Grey/Sand
52181



Grey/Sand
52181



Grey/Charcoal A
52106



Grey/Charcoal B
52106

The published RAL colours are for indicational purposes only

Sergé Fabrics

Solar Screen Collection



Charcoal
52107

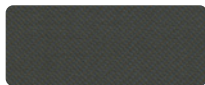
RAL 7021



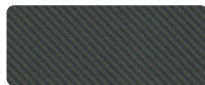
Charcoal/Grey A
52108



Charcoal/Grey B
52108



Charcoal/Bronze A
52182



Charcoal/Bronze B
52182



Anthracite Grey
52144

RAL 7016



Deep Black
52143

RAL 9005

Soltis Veozip Fabrics

Solar Screen Collection

Veozip is the ideal fabric for enjoying your outdoor view due to its unmatched transparency. Its matt and woven aspect embodies the warmth, providing an elegant design, while also benefiting from optimal thermal characteristics even on the lightest colours.

- Optimised for facade external blinds using ZIP systems •



Hemp-base
composition for
natural fabric aspect



Blocks up to
96% of UV
radiation



Protects from
wind



Plays on
transparency,
maintaining the
views

SPECIFICATIONS

 Yarn		Polyester (25%) PVC (74%) Hemp (1%)
 Openness factor		5%
 Weight EN ISO		600 gr/m ²
 Thickness		0.90 mm
 Widths		200 cm - 250 cm - 290 cm - 320 cm
 Standard roll length	200 cm	42 lm
	250 cm	42 lm
	290 cm	42 lm
	320 cm	35 lm
 Tensile resistance		250/170 daN/5 cm • 560/382 lbs/2 in
 Tear resistance		25/25 daN
 Warranty		5 years
Fire reaction rating: M1/NFP 92-507 – B1/DIN 4102-1, EUROCLASS B-s2, d0		
Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001		



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Technology



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Soltis Veozip Fabrics

Solar Screen Collection

THERMAL AND LIGHT TRANSMISSION PROPERTIES ACCORDING TO EN 14501



TS
%



AS
%



RS
%

TV
n-h
%

g_{tot} ° ISO 52022-3*

Glazing
C

Glazing
D

Frost White	51184	9	32	59	8	0,07	0,04
Edelweiss	51185	9	41	50	8	0,07	0,04
Natural	51187	7	56	37	7	0,06	0,04
Macadamia	51188	5	66	29	4	0,05	0,03
Sea Lion	51192	8	79	13	7	0,07	0,05
Sea Urchin	51193	6	77	17	6	0,06	0,04
Shadow	51194	5	88	7	5	0,06	0,04
Sandalwood	51196	6	84	10	6	0,06	0,04
Grey Pepper	51197	5	87	8	5	0,05	0,04
Graphite Black	51198	5	90	5	5	0,06	0,04

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Consider the spectral transmission and reflection values for the glazing + blind combination to calculate the solar factor g_{tot} .

Glazing type «D»: Low emission, insulating double glazing - face 2

(4 + 16 + 4; argon-filled) $g = 0.32$ - $U = 1.1$

Soltis Veozip Fabrics

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Frost White
51184



Edelweiss
51185



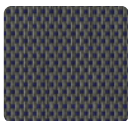
Natural
51187



Macadamia
51188



Sea Lion
51192



Sea Urchin
51193



Shadow
51194



Sandalwood
51196



Grey Pepper
51197



Graphite Black
51198



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Solar Screen Collection