

Fabric code

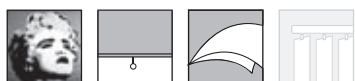
WC05A

OF 5%

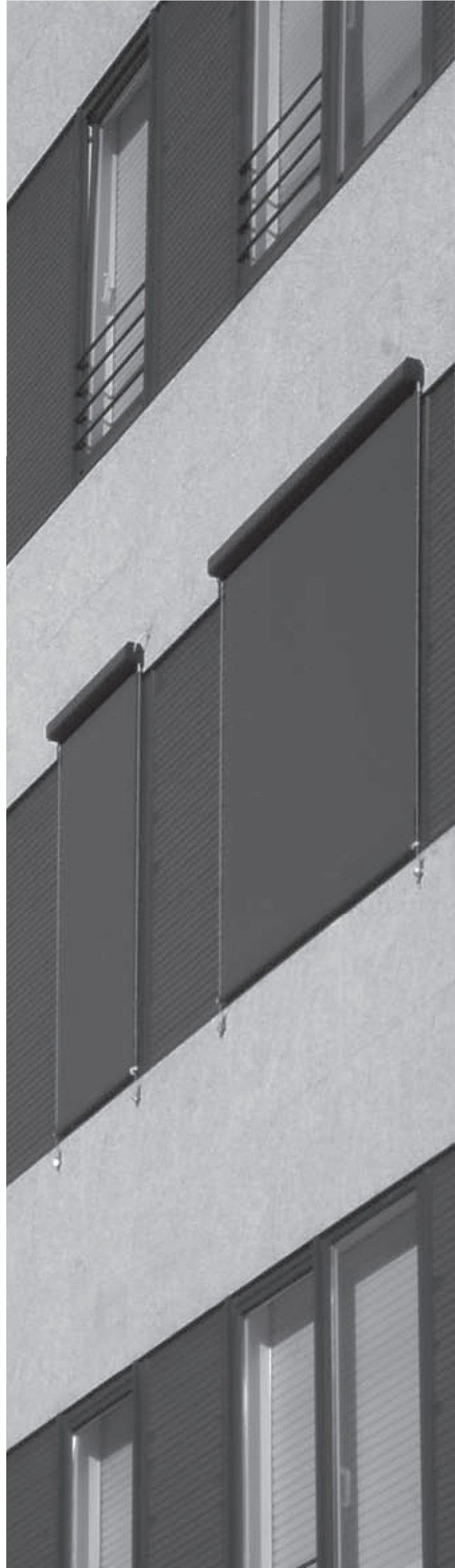
Carré

The Screen Essentials

Unique pattern to limit cutting loss to a minimum. An original look, a variety of fresh colors and especially designed for outside use.



External and internal applications



Fabric code

WC05A

OF 5%

The Screen Essentials

Carré

Yarn

Technical specifications	Average Values	Standard
Titer	165 tex	ISO 1889 (2009)
Weighted composition	Glass 41.5%, PVC 58.5%	ISO 3801 (1977)
Diameter	0.38 mm	
Environment		Oekotex standard 100



Fabric

Type of fabric	PVC-coated fiberglass fabric
Weave pattern	basket weave
Widths	1800, 2500 mm (tolerance -0%, +5%)
Roll length (nominally)	50 m

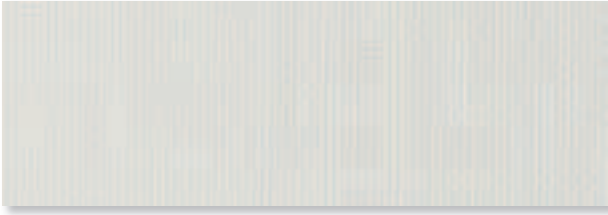
Technical specifications	Average Values	Standard
Thickness	0.58 mm	ISO/DIS 5084.2 (1996)
Mass	540 g/m ²	ISO 3801 (1977)
Yarns in warp/weft/cm	16/16	ISO 7211 (1996)
Fire resistance	M1	NF P92-503 (1995)
	FR	NFPA 701 (2010)
	B1	DIN 4102 (1998)
	C-s3, d0	EN13501-1 (2010)
Breaking strength	warp 290 daN, weft 310 daN	ISO 13934-1 (1999)
Elongation at break	warp 4.4%, weft 6.6%	ISO 13934-1 (1999)
Tear resistance	warp 8.9 daN, weft 7.1 daN	ISO 4674 part 1 method A (2003)
Colourfastness	7-8 scale of blue	ISO 105 B02 (1994)
Air porosity	360 l/m ² /sec	ISO/DIS 9237 (1995)

The Quality Chain

General - specifications are purely indicative and may not be considered as binding. Colours may vary from the samples shown

Cutting	crush or ultrasonic; railroad or width out of roll width
Welding	thermal, HF, ultrasonic, sewing
Cleaning	remove dust from the fabric surface, then wipe gently with a humid soft sponge while using a mild detergent

101101 white



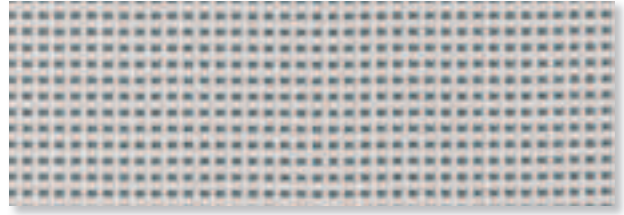
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	18.9	68.2	12.9	18.1	15.7	2.5	2.8	Class 1

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.20	0.34	0.18	0.36	0.14	0.35	0.09	0.25
Classes	2	2	2	1	3	2	4	2

101208 white-grey



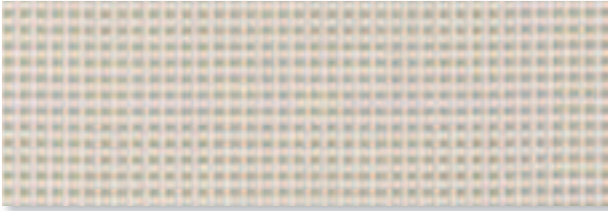
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	13.6	53.0	33.4	11.7	9.2	2.6	2.8	Class 1

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.19	0.42	0.17	0.43	0.12	0.40	0.09	0.26
Classes	2	1	2	1	3	1	4	2

101212 white-sand



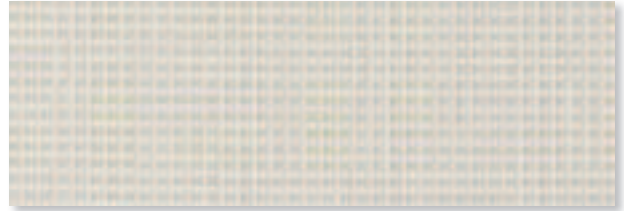
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	16.3	60.2	23.5	14.2	11.5	2.6	2.9	Class 1

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.20	0.38	0.17	0.40	0.13	0.38	0.09	0.26
Classes	2	1	2	1	3	1	4	2

101216 white-linen



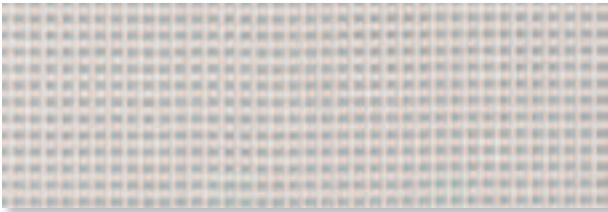
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	18.1	64.5	17.4	16.7	14.4	2.4	2.7	Class 1

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.20	0.36	0.18	0.38	0.13	0.36	0.09	0.25
Classes	2	1	2	1	3	1	4	2

101217 white-pearl



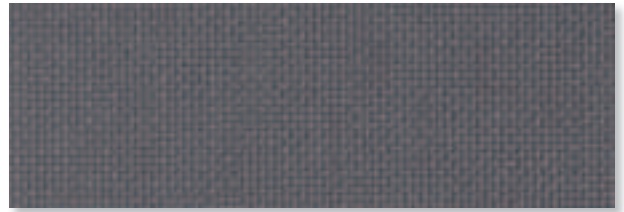
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	16.0	58.4	25.5	14.9	12.0	2.8	3.2	Class 1

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.20	0.39	0.17	0.41	0.13	0.38	0.09	0.26
Classes	2	1	2	1	3	1	4	2

108108 grey



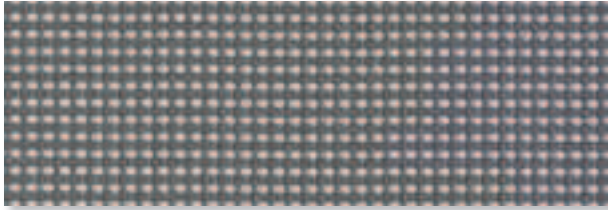
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	6.4	20.2	73.4	4.4	1.1	3.2	3.6	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.60	0.17	0.59	0.11	0.50	0.09	0.29
Classes	2	0	2	0	3	0	4	2

108301 grey-white



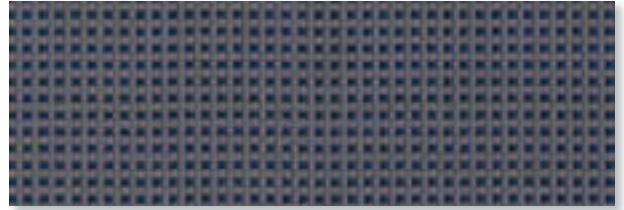
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	7.4	30.6	62.0	5.1	2.3	2.8	3.1	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.20	0.54	0.16	0.54	0.10	0.47	0.08	0.28
Classes	2	0	2	0	3	1	4	2

108311 grey-dark blue



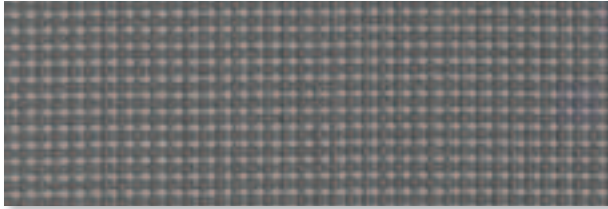
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	7.0	21.0	72.0	3.7	0.8	2.9	3.2	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.60	0.17	0.59	0.11	0.50	0.09	0.29
Classes	2	0	2	0	3	0	4	2

108317 grey-pearl



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	7.5	24.0	68.5	5.2	2.2	3.0	3.3	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.58	0.17	0.58	0.11	0.49	0.09	0.29
Classes	2	0	2	0	3	1	4	2

108318 grey-black



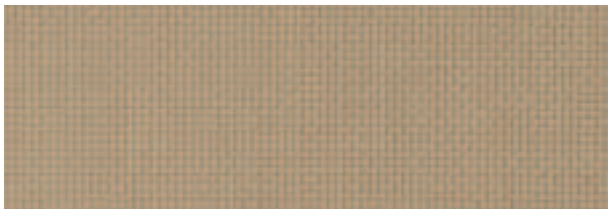
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	5.4	16.0	78.6	4.2	0.8	3.4	3.7	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.63	0.17	0.62	0.11	0.52	0.09	0.29
Classes	2	0	2	0	3	0	4	2

112112 sand



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	12.0	40.2	47.8	8.3	4.7	3.6	3.9	Class 1

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.49	0.17	0.50	0.12	0.44	0.09	0.27
Classes	2	1	2	1	3	1	4	2

112401 sand-white



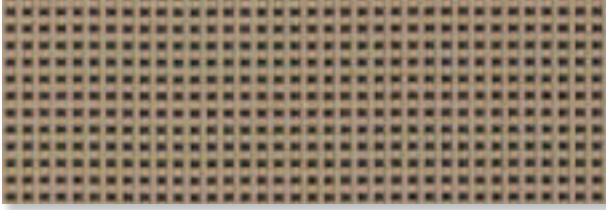
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	13.3	46.4	40.3	9.9	6.3	3.6	3.9	Class 1

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.46	0.17	0.46	0.12	0.42	0.09	0.27
Classes	2	1	2	1	3	1	4	2

112418 sand-black



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	8.6	29.4	62.0	6.6	2.8	3.8	4.1	Class 2

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.55	0.17	0.55	0.11	0.47	0.09	0.28
Classes	2	0	2	0	3	1	4	2

118118 black



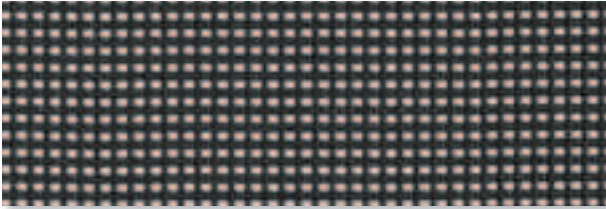
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	4.6	6.4	89.0	4.5	0.3	4.2	4.5	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.23	0.68	0.18	0.66	0.11	0.55	0.09	0.30
Classes	2	0	2	0	3	0	4	2

118501 black-white



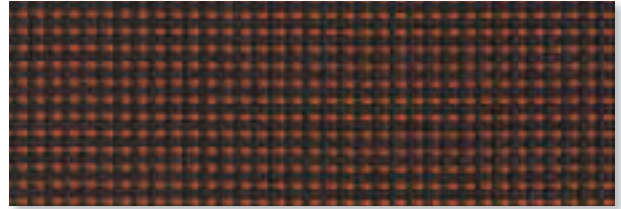
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	5.1	18.4	76.5	5.0	1.2	3.8	4.1	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.21	0.61	0.16	0.60	0.10	0.51	0.09	0.29
Classes	2	0	2	0	3	0	4	2

118505 black-tangerine



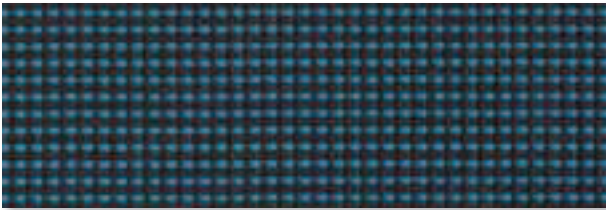
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	5.7	12.1	82.1	4.9	0.7	4.3	4.6	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.23	0.65	0.18	0.63	0.11	0.53	0.09	0.30
Classes	2	0	2	0	3	0	4	2

118506 black-light blue



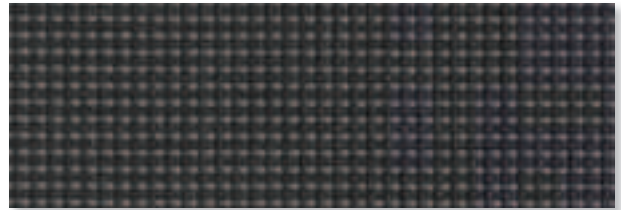
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	5.6	13.0	81.5	5.0	0.6	4.4	4.8	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.64	0.17	0.63	0.11	0.53	0.09	0.30
Classes	2	0	2	0	3	0	4	2

118508 black-grey



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
	4.5	9.8	85.7	4.2	0.5	3.7	4.0	Class 3

g_{tot}

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.66	0.17	0.65	0.11	0.54	0.09	0.30
Classes	2	0	2	0	3	0	4	2

118515 black-lime



Solar Heat & Light Control Properties

Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
5.6	13.1	81.3	5.4	0.9	4.5	4.9	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.64	0.17	0.63	0.11	0.53	0.09	0.30
Classes	2	0	2	0	3	0	4	2

118517 black-pearl



Solar Heat & Light Control Properties

Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	Glare Control
5.0	12.6	82.4	4.8	1.0	3.8	4.1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.65	0.17	0.63	0.11	0.53	0.09	0.30
Classes	2	0	2	0	3	0	4	2