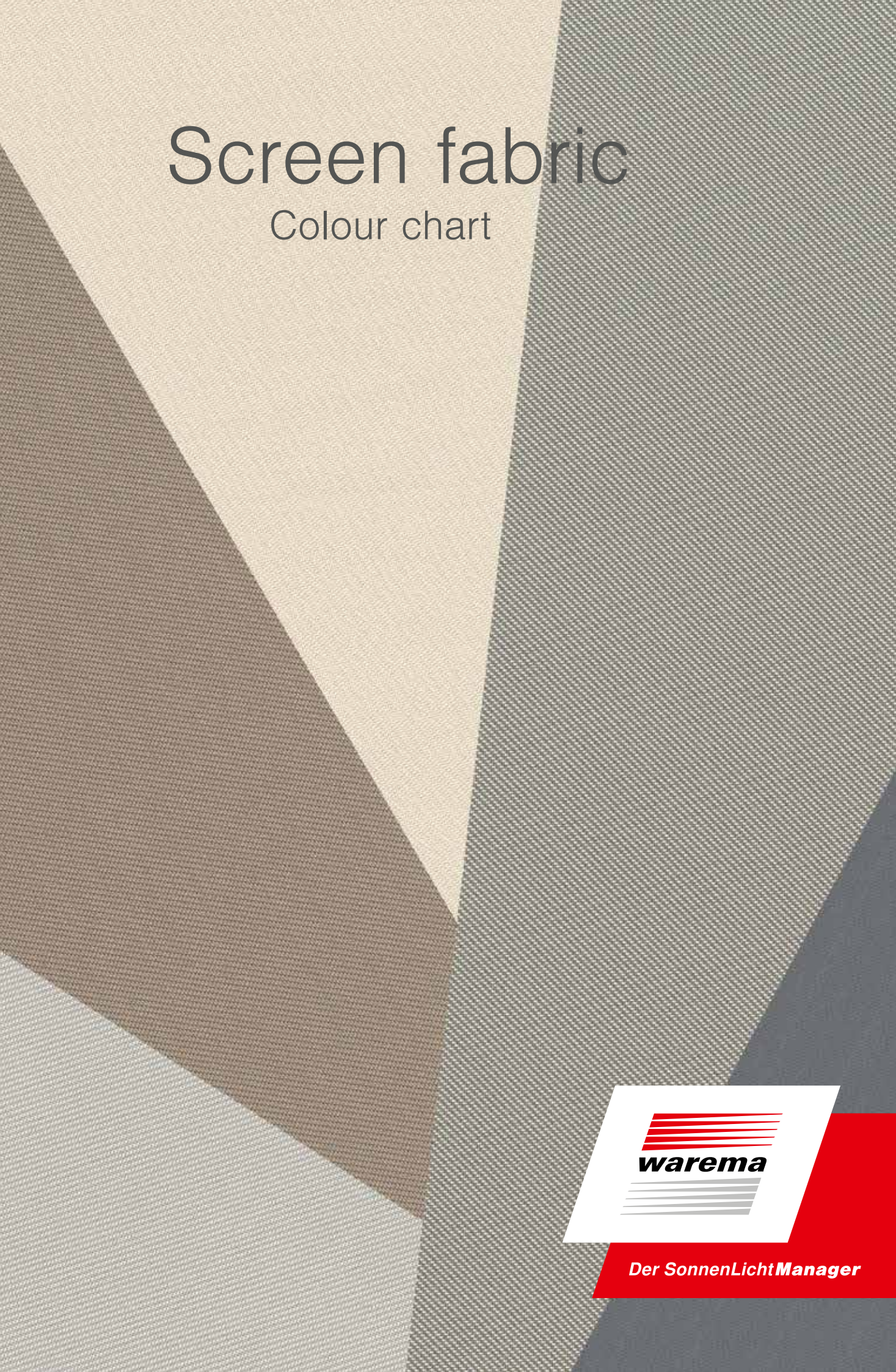
Screen fabric

Colour chart



warema

Der SonnenLichtManager

Screen fabric 4/5% single-coloured

3511





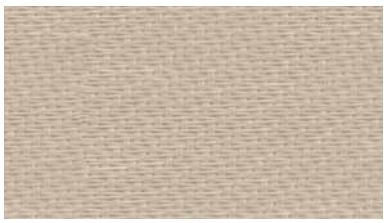
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3573





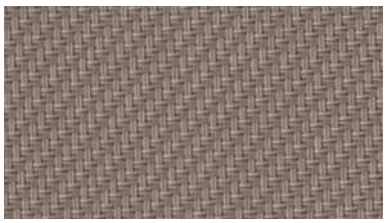
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3576





3528





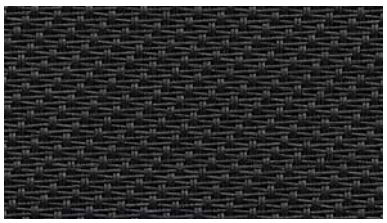
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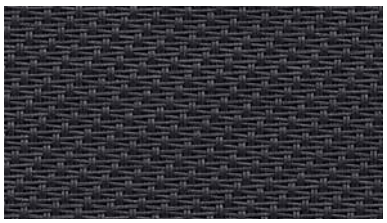
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3569





3566





3532





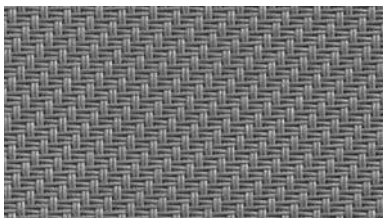
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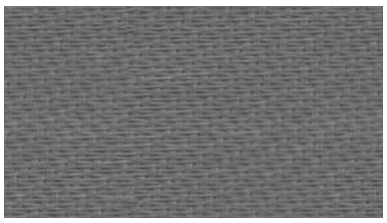
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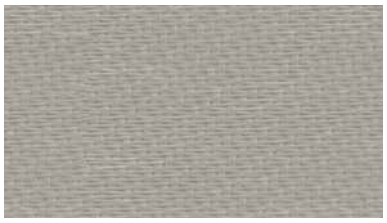
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3517





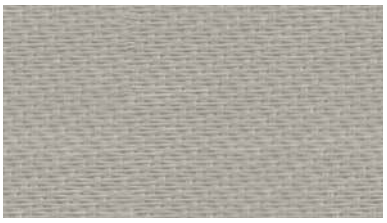
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3562





3519



* For two-tone designs, please note which colour is on the outside.

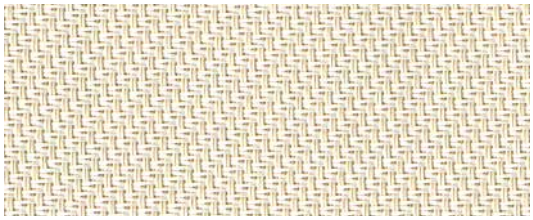
2019559/11.2025_en

Screen fabric 4/5 % two-toned*



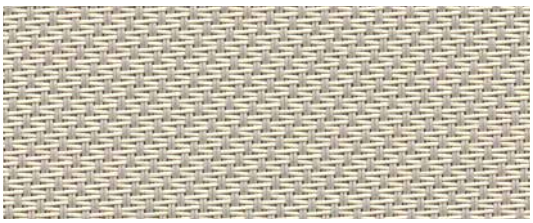
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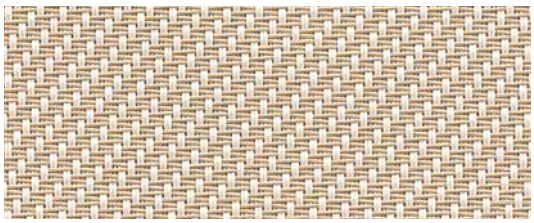
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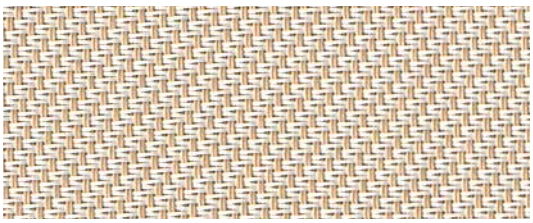
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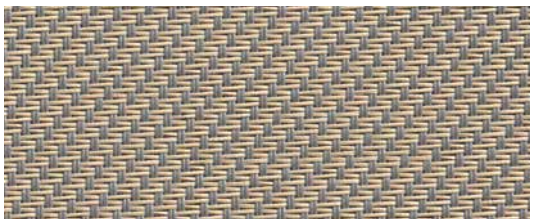
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3502





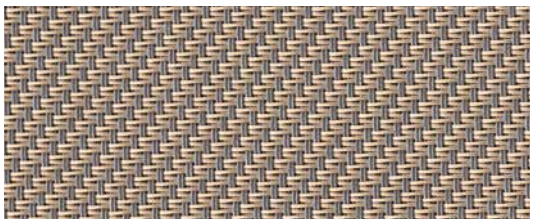
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Sand



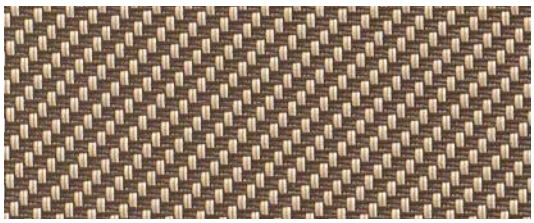
Grey





3504





3577





3582





3579





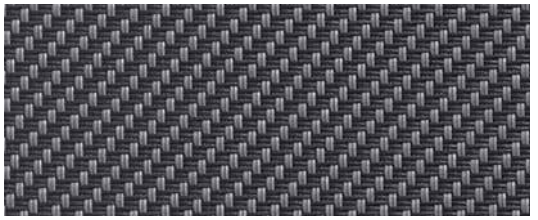
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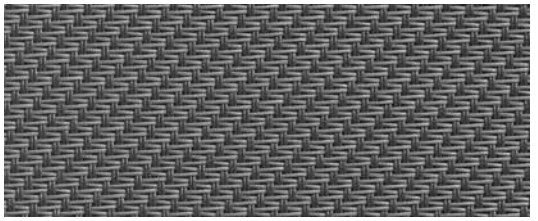
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3565





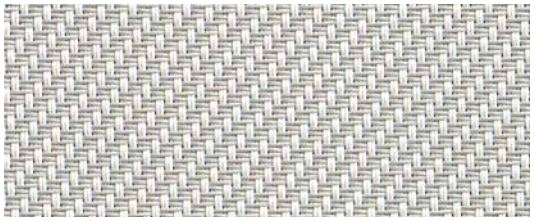
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3568



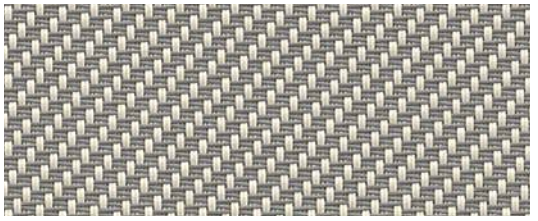


3561*

Pearl

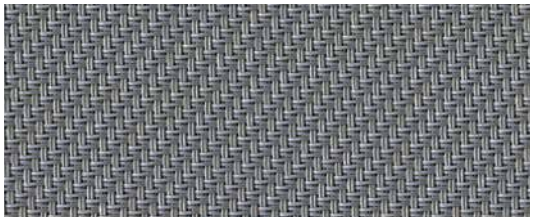
White





3575





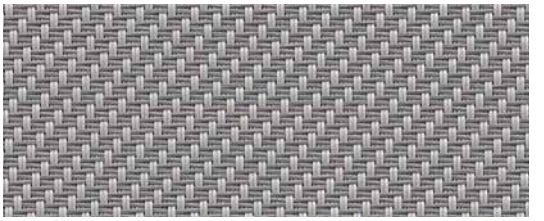
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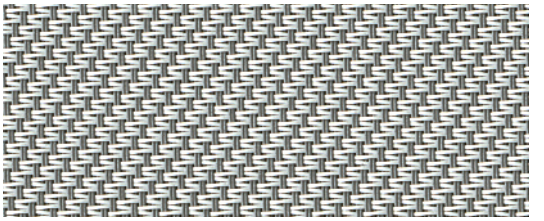
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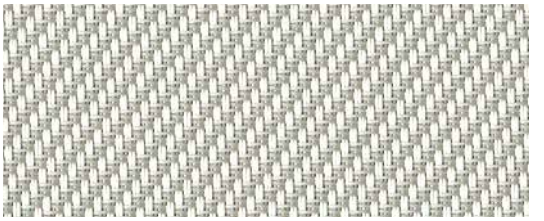
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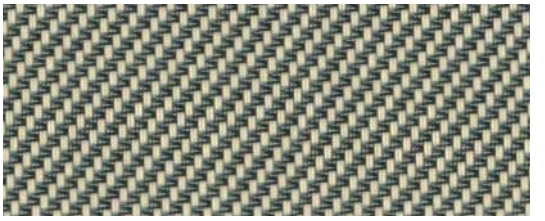
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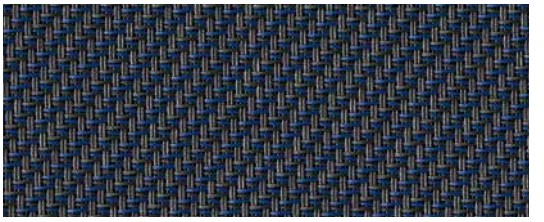
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3529





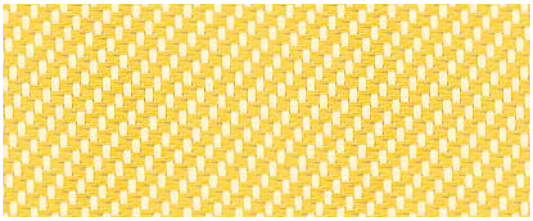
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3507





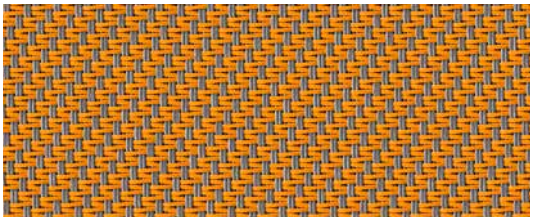
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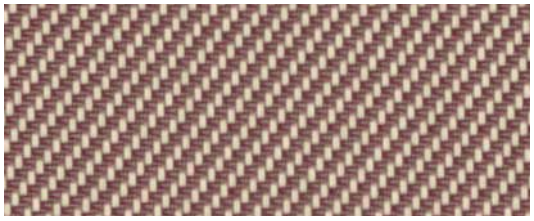
3537*





3505





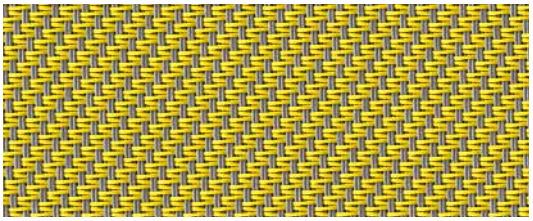
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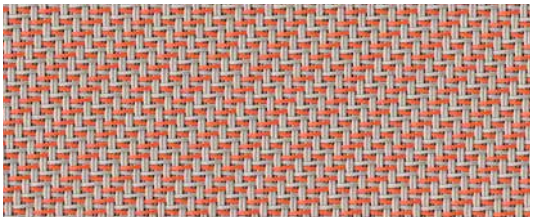
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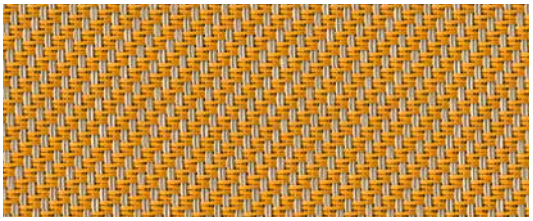
3506





3538*





3536



Screen fabric

Design no.	External colour (for two-toned designs)*	Price range	View out	Protection against overheating	Glare control (DIN EN 14501:2021)	Visual privacy	Light reflectance R_v in %	Light transmittance T_v in %	Light absorptance A_v in %	Solar reflectance R_e in %	Solar transmittance T_e in %	Solar absorptance A_e in %	Colour rendering index R_a	Page
3501	Yellow[1]	2	1	3	0	2	65	18	17	57	19	24	71	5
3501	White	2	1	3	0	2	68	18	14	61	19	20	71	5
3502	White[1]	2	1	3	0	2	54	13	33	51	16	33	81	3
3502	Sand	2	1	3	0	2	48	13	39	46	16	38	81	3
3503	White[1]	2	2	3	1	2	42	7	51	40	10	50	96	4
3503	Grey	2	2	3	1	2	31	7	62	31	10	59	96	4
3504	Sand[1]	2	2	3	1	2	28	7	65	29	9	62	91	3
3504	Grey	2	2	3	1	2	23	7	70	25	9	66	91	3
3505	Orange[1]	2	3	3	0	1	26	7	67	31	11	58	82	5
3505	Grey	2	3	3	0	1	22	7	71	26	11	63	82	5
3506	Yellow[1]	2	2	3	1	2	36	7	57	33	10	57	84	5
3506	Grey	2	2	3	1	2	27	7	66	28	10	62	84	5
3507	Marine[1]	2	2	3	3	2	21	4	75	31	7	62	98	5
3507	Pearl	2	2	3	3	2	31	4	65	35	7	58	98	5
3511	White	2	0	2	0	2	73	21	6	65	21	14	95	2
3517	Grey	2	2	4	1	2	16	4	80	15	4	81	100	2
3518	Brown	2	2	3	1	2	8	4	88	8	4	88	99	2
3519	Pearl	2	1	3	0	2	40	13	47	37	14	49	91	2
3520	Linen	2	2	3	0	1	55	13	32	52	15	33	85	2
3521	Pearl[1]	2	1	3	0	2	55	16	29	50	17	33	93	4
3521	White	2	1	3	0	2	62	16	22	55	17	28	93	4
3527	Burgundy[1]	2	1	3	1	2	25	8	67	26	10	64	88	5
3527	Linen	2	1	3	1	2	36	8	56	35	10	55	88	5
3528	Sandstone	2	3	3	0	1	20	7	73	20	7	73	99	2
3529	Moss green[1]	2	1	3	1	2	23	8	69	21	8	71	95	4
3529	Linen	2	1	3	1	2	35	8	57	32	8	60	95	4
3531	Black[1]	2	2	3	1	2	11	5	84	12	6	82	98	4
3531	Grey	2	2	3	1	2	14	5	81	15	6	79	98	4
3532	Black	2	2	3	1	2	6	4	90	6	4	90	100	2
3534	White[1]	2	1	3	0	2	63	14	23	58	15	27	87	3
3534	Linen	2	1	3	0	2	61	14	25	56	15	29	87	3
3535	Brown[1]	2	3	3	0	1	6	6	88	9	6	85	100	3
3535	Black	2	3	3	0	1	6	6	88	7	6	87	100	3
3536	Yellow[1]	2	3	3	0	1	30	7	63	34	9	57	88	5
3536	Grey	2	3	3	0	1	29	7	64	31	9	60	88	5
3537	Orange[1]	2	2	3	0	1	37	11	52	38	13	49	83	5
3537	Grey	2	2	3	0	1	38	11	51	37	13	50	83	5
3538	Red[1]	2	2	3	0	1	33	11	56	36	13	51	80	5
3538	Grey	2	2	3	0	1	35	11	54	36	13	51	80	5
3539	Green[1]	2	3	3	0	1	24	7	69	22	7	71	98	5
3539	Linen	2	3	3	0	1	26	7	67	25	7	68	98	5
3540	Blue[1]	2	3	3	0	1	17	7	76	17	8	75	100	4
3540	Grey	2	3	3	0	1	17	7	76	17	8	75	100	4
3541	Blue[1]	2	2	3	1	2	6	5	89	6	5	89	100	4
3541	Black	2	2	3	1	2	6	5	89	6	5	89	100	4
3542	Grey	2	1	3	1	2	42	10	48	37	11	52	97	2
3543	Anthracite	2	2	3	1	2	8	4	88	7	4	89	100	2

Manufacturer's data according to DIN EN 14501 and DIN EN 410
The photometric data is determined by reputable institutes and should be understood as a guideline. Tolerances in the measurement procedure and batch-related deviations from the samples can lead to deviations in the specified values, for which we cannot assume liability. The values correspond to the status at the time the documents were created; deviations from this information due to more recent measurements are therefore reserved.

All information provided without guarantee. Slight colour deviations may occur! Processing (e.g. longitudinal/transverse and visible seam) according to valid technical data.

* For two-tone designs, please note which colour is on the outside.

[1] If the external colour is not specified when ordering, we will supply the marked colour on the outside.

Design no.	External colour (for two-toned designs)*	Price range	View out	Protection against overheating	Glare control (DIN EN 14501:2021)	Visual privacy	Light reflectance R_v in %	Light transmittance T_v in %	Light absorptance A_v in %	Solar reflectance R_e in %	Solar transmittance T_e in %	Solar absorptance A_e in %	Colour rendering index R_a	Page
3560	White	2	0	2	0	2	72	25	3	63	25	12	95	2
3561	Pearl[1]	2	1	2	0	2	52	17	31	48	19	33	93	4
3561	White	2	1	3	0	2	59	17	24	53	19	28	93	4
3562	Pearl	2	2	3	0	1	39	13	48	38	16	46	93	2
3563	Grey[1]	2	2	3	0	1	25	10	65	24	11	65	95	4
3563	Pearl	2	2	3	0	1	31	10	59	30	11	59	95	4
3564	Grey	2	3	3	0	1	17	6	77	16	7	77	99	2
3565	Charcoal[1]	2	3	3	0	1	10	6	84	9	6	85	99	4
3565	Grey	2	3	3	0	1	13	6	81	12	6	82	99	4
3566	Charcoal	2	3	3	0	1	6	6	88	6	6	88	100	2
3567	Grey[1]	2	3	3	0	1	13	6	81	13	7	80	100	4
3567	Charcoal	2	3	3	0	1	10	6	84	10	7	83	100	4
3568	White[1]	2	2	3	0	1	39	10	51	35	11	54	98	4
3568	Grey	2	2	3	0	1	29	10	61	26	11	63	98	4
3569	Jet black	2	3	3	0	1	4	6	90	4	6	90	100	2
3570	Anthracite grey	2	3	3	0	1	8	6	86	8	6	86	100	2
3571	Sand[1]	2	2	3	0	1	49	16	35	45	17	38	89	3
3571	White	2	2	3	0	1	58	16	26	52	17	31	89	3
3572	Linen[1]	2	2	3	0	1	53	13	34	48	16	36	90	3
3572	Pearl	2	2	3	0	1	47	13	40	44	16	40	90	3
3573	Linen	2	2	3	0	1	70	19	11	61	20	19	84	2
3574	White[1]	2	0	2	0	2	72	21	7	63	21	16	88	3
3574	Linen	2	0	2	0	2	71	21	8	62	21	17	88	3
3575	Grey[1]	2	2	3	0	1	36	11	53	32	11	57	93	4
3575	Linen	2	2	3	0	1	49	11	40	43	11	46	93	4
3576	Sand	2	3	3	0	1	39	8	53	37	10	53	85	2
3577	Bronze[1]	2	2	3	1	2	20	6	74	18	6	76	92	3
3577	Sand	2	2	3	1	2	28	6	66	26	6	68	92	3
3578	Bronze	2	2	3	1	2	7	4	89	7	4	89	99	2
3579	Pearl[1]	2	2	3	1	2	23	5	72	22	5	73	97	3
3579	Bronze	2	2	3	1	2	16	5	79	15	5	80	97	3
3580	Grey[1]	2	2	3	1	2	13	5	82	12	5	83	99	3
3580	Bronze	2	2	3	1	2	10	5	85	10	5	85	99	3
3581	Sand[1]	2	2	4	1	2	29	5	66	27	6	67	93	3
3581	Grey	2	2	3	1	2	23	5	72	22	6	72	93	3
3582	Bronze[1]	2	2	3	1	2	6	5	89	6	5	89	100	3
3582	Charcoal	2	2	3	1	2	6	5	89	6	5	89	100	3

Screen fabric

– PVC-coated glass fibre
– flame retardant in accordance with DIN 4102-B1
– Opening factor of 4 or 5%

Web width 250/285/320 cm, fabric weight approx. 515 - 525 g/m²
When ordering two-tone designs, please state which colour you would like to have on the outside of your sun shading system. If no details are specified, we will supply the defined standard.

Thermal and visual fabric properties in accordance with DIN EN 14501

Protection against overheating

Use for window awnings

The ability of the external fabric to prevent the room from heating up. Heat protection glass (Ug = 1.2 W/(m2K); g = 59%) is used for classification; the value gtot is calculated in accordance with DIN EN 13 363-1/DIN EN ISO 52022-1.

Picto	Description
	Not relevant for external fabrics.
	Not relevant for external fabrics.
	The sun shading system effectively prevents heat build-up in the room.
	The sun shading system very effectively prevents heat build-up in the room.
	The sun shading system maximally prevents heat build-up in the room.

Glare control

The ability of the fabric to reduce solar radiation on the work surface and prevent direct view of the sun in accordance with DIN EN 14501:2021.

Picto	Description
	Not suitable for glare control.
	Glare control is limited and only suitable for a few applications.
	For average requirements, glare control is often provided if the viewing direction is parallel to the facade. For larger window openings with workplaces close to the windows, glare control is only suitable for low requirements.
	For average requirements, glare control is usually provided if the viewing direction is parallel to the facade. For smaller window openings, workplaces that are further away from the facade, and lower glare control requirements, fabrics in this class are even suitable when facing the facade.
	Full glare control is provided in most situations. Recommended for very high requirements, large windows and workplaces facing the facade.

Visual privacy

The ability of the fabric to prevent a person inside the room from being seen from the outside under normal night-time lighting conditions.

Picto	Description
	Visual privacy is not guaranteed. People can be clearly recognised.
	Privacy is only partially guaranteed. People can still be recognised.
	Visual privacy is guaranteed, but shadows can always be seen and people may be recognised under unfavourable lighting conditions.
	Visual privacy is minimally limited. Shadows can only be discerned at a short distance from the fabric, e.g. people inside the room at a distance of <1m.
	Complete visual privacy is guaranteed.

View out

The capacity of the fabric to allow a view out when extended.

Picto	Description
	There is no view out.
	The view out is extremely limited. Silhouettes can be discerned.
	The view out is limited. Silhouettes are easily recognisable.
	The view out is minimally limited, e.g. people can be seen at a distance of 10 m.
	The view out is almost unobstructed.

Terms and definitions

Light reflectance R_v = the percentage of the light reaching the awning (wavelength range from 380 nm to 780 nm) that is reflected.

Light transmittance T_v = the percentage of light reaching the awning that is transmitted (how bright it is behind the awning).

Light absorption coefficient A_v = the percentage of the light reaching the awning that is absorbed.

Solar reflectance R_e = the percentage of the total radiation reaching the awning (UV + light + infrared, wavelength range from 300 nm to 2500 nm) that is reflected.

Solar transmittance T_e = the percentage of the total radiation reaching the awning that passes through.

Solar absorptance coefficient A_e = the percentage of the total radiation reaching the awning that is absorbed and transformed into heat.

Colour rendering index R_a = the authenticity of the colour rendering. The higher the colour rendering index R_a, the more authentically colours are rendered. The maximum value is 100.