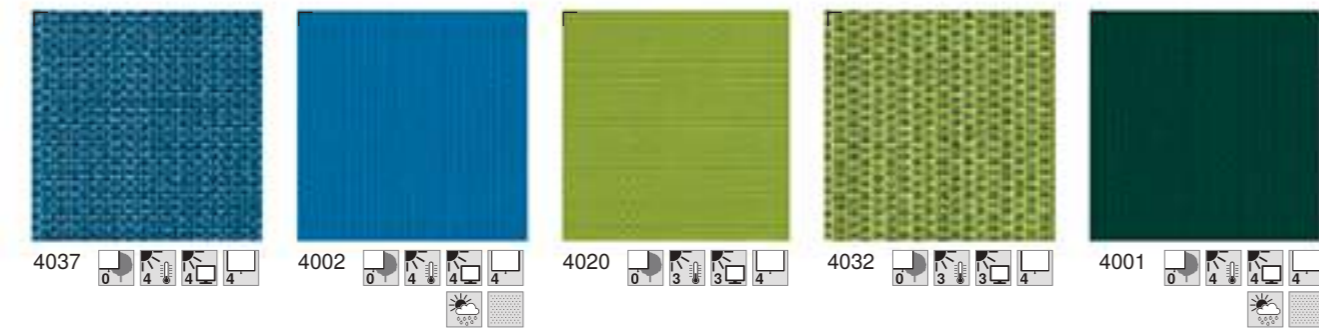


Lumera acrylic fabric



Lumera acrylic fabric



Standard acrylic fabric



2019563/04.2018

Description of acrylic fabrics

Lumera acrylic fabric

The innovative Lumera acrylic fabric is woven with the special CBA fibre (Clean Brilliant Acrylic). Along with all the benefits of the Standard acrylic fabric, this provides a few more positives. The acrylic multifilament fibre has a smoother and denser surface. This means that the colours turn out richer and more radiant and the fabric's luminance is increased for a long time. In addition the fabric density ensures higher tear resistance and generates a convenient self-cleaning effect. Dirt gets stuck less on the fabric and water is reliably repelled – this ensures the fabric's longevity. Last but not least, the Acrylic Lumera fabric quality made from 100 % brand acrylic fabric is light-fast and weather-proof.

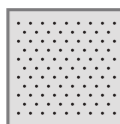


All Weather acrylic fabric

The high-grade All Weather acrylic fabric consists of 100 % brand acrylic fabric. The finishing with a special transparent coating applied to the outside makes the fabric almost 100 % water-proof and even able to reliably withstand a water column of 1,000 mm. Manufactured from spinning nozzle dyed thread, All Weather acrylic fabric is also light-fast, weather-proof and even tear-resistant. This means that the awning fabric provides reliable sun shading and glare control as well as temporary rain protection all in one.

Standard acrylic fabric

The tried and tested Standard acrylic awning fabric is manufactured from 100 % spinning nozzle dyed brand acrylic fabric. That means that the colour pigments – unlike in classic thread dyeing – are applied during the fibre production. This ensures reliable protection against damaging UV radiation and permanently guarantees brilliant colours / constant weather and light-fastness. Furthermore the acrylic fabric is especially tear-resistant and also dirt and water-repellent thanks to its impregnation with a special protective agent. The reliable solution for long-term use outdoors.



Perfora acrylic fabric

The Perfora acrylic fabric is manufactured from 100% spinning nozzle dyed brand acrylic fabric and is evenly perforated. This increases the view out and ensures better transparency. In addition, the perforation effectively prevents heat accumulation and reduces the risk of water pockets forming in the awning fabric in rainy weather. At the same time, it gives the fabric a high-grade, elegant look. With these advantageous properties, the Perfora acrylic fabric is particularly suitable for vertical shading such as window awnings or valance roller blinds.

Various standard designs can also be supplied in the All Weather and Perfora qualities. They are labelled with the pictograms shown above. You will find a grip pattern for this fabric quality on page 6.

Technical values	Lumera acrylic fabric	Standard acrylic fabric	All Weather acrylic fabric	Perfora acrylic fabric
Fabric weight	290 g/m ²	290–300 g/m ²	335 g/m ²	270 g/m ²
Web width	120 cm	120 cm	120 cm	120 cm
Tear resistance in warp direction	160 daN/5 cm	145–160 daN/5 cm	150 daN/5 cm	105 daN/5 cm
Tear resistance in weft direction	110 daN/5 cm	90–100 daN/5 cm	100 daN/5 cm	60 daN/5 cm
Waterproofness	460 mm WC	300–370 mm WC	1000 mm WC	–
Building materials class in accordance with DIN 4102-1	–	–	–	–

Plain coloured acrylic fabrics

Design no.	Quality	Price range	View out	Summer Thermal protection	Glare control	Visual privacy	Light reflectance in %	Light transmittance in %	Light absorption coefficient in %	Solar reflectance in %	Solar absorbance in %	Colour rendering index	Page
4000	Lumera acrylic fabric	1 0 4 4	4 2 0 98	2 0 98	54 2	2							2
4001	Lumera acrylic fabric	1 0 4 4	4 5 0 95	8 0 92	70 3								3
4002	Lumera acrylic fabric	1 0 4 4	4 6 0 94	25 5 70	<0 3								3
4003	Lumera acrylic fabric	1 0 4 4	4 11 0 89	14 0 86	94 2								2
4004	Lumera acrylic fabric	1 0 4 4	4 20 1 79	24 2 74	92 2								2
4006	Lumera acrylic fabric	1 0 3 4	4 10 1 89	43 14 43	<0 2								2
4008	Lumera acrylic fabric	1 0 3 2	3 32 4 64	45 14 41	52 2								2
4009	Lumera acrylic fabric	1 0 4 3	4 29 3 68	32 4 64	84 2								2
4010	Lumera acrylic fabric	1 0 4 2	3 31 5 64	32 5 63	97 2								2
4011	Lumera acrylic fabric	1 0 3 2	3 42 9 49	52 18 30	55 2								2
4012	Lumera acrylic fabric	1 0 2 2	2 50 16 34	50 20 26	78 2								2
4013	Lumera acrylic fabric	1 0 3 2	3 50 13 37	51 18 31	27 2								2
4015	Lumera acrylic fabric	1 0 2 2	3 49 12 39	51 14 35	92 2								2
4016	Lumera acrylic fabric	1 0 2 2	2 64 25 11	61 23 16	82 2								2
4017	Lumera acrylic fabric	1 0 2 2	2 63 26 11	65 28 7 97 2									2
4018	Lumera acrylic fabric	1 0 2 2	2 55 19 26	56 21 23	96 2								2
4019	Lumera acrylic fabric	1 0 2 2	2 53 18 29	53 22 25	53 2								2
4020	Lumera acrylic fabric	1 0 3 3	4 30 3 67	36 9 55	37 3								3
4021	Lumera acrylic fabric	1 0 3 4	4 19 1 80	35 12 53	86 2								2
4023	Lumera acrylic fabric	1 0 3 2	3 35 6 59	38 12 50	91 2								2
4024	Lumera acrylic fabric	1 0 2 2	2 56 20 24	57 21 22	96 2								2
4025	Lumera acrylic fabric	1 0 3 2	3 32 5 63	43 12 45	60 2								2
4026	Lumera acrylic fabric	1 0 3 2	3 54 15 31	55 17 28	83 2								2
4027	Lumera acrylic fabric	1 0 3 2	3 40 7 53	42 9 49	81 2								2
4028	Lumera acrylic fabric	1 0 2 2	2 54 16 30	59 21 20	80 2								2
4029	Lumera acrylic fabric	1 0 4 4	4 19 1 80	35 12 53	86 2								2
4031	Lumera acrylic fabric	1 0 4 4	4 0 96	18 2 80	81 2								2
4032	Lumera acrylic fabric	1 0 3 3	4 22 3 75	34 9 57	57 3								3
4033	Lumera acrylic fabric	1 0 3 3	4 23 3 74	46 17 37	<0 2								2
4034	Lumera acrylic fabric	1 0 4 4	4 5 0 95	17 1 82	<0 2								2
4035	Lumera acrylic fabric	1 0 3 4	4 17 1 82	37 10 53	89 2								2
4036	Lumera acrylic fabric	1 0 4 4	4 5 0 95	9 1 90	49 2								2
4037	Lumera acrylic fabric	1 0 4 4	4 8 0 92	21 5 74	<0 3								3
4038	Lumera acrylic fabric	1 0 3 2	3 30 5 65	46 16 38	<0 2								2
2806	Standard acrylic fabric	1 0 3 2	3 44 11 45	52 17 31	73 3								3
2807	Standard acrylic fabric	1 0 4 3	4 21 2 77	32 6 62	58 3								3
2808	Standard acrylic fabric	1 0 4 2	3 37 6 57	39 8 53	90 3								3
2809	Standard acrylic fabric	1 0 4 4	4 5 0 95	6 0 94	56 3								3
2810	Standard acrylic fabric	1 0 3 2	3 45 11 44	53 17 30	47 3								3
5560	Standard acrylic fabric	1 0 4 4	4 12 1 87	20 3 77	86 6								6
5570	Standard acrylic fabric	1 0 2 2	2 54 16 30	55 20 25	55 5								5
5580	Standard acrylic fabric	1 0 4 4	4 13 1 86	19 3 78	91 6								6
5800	Standard acrylic fabric	1 0 2 2	2 64 27 9 64	27 9 98 4									4
5840	Standard acrylic fabric	1 0 3 2	3 38 7 55	43 11 46	58 5								5
5850	Standard acrylic fabric	1 0 4 3	4 27 3 70	31 5 64	71 5								5
5860	Standard acrylic fabric	1 0 4 4	4 11 0 89	14 0 86	57 5								5
5890	Standard acrylic fabric	1 0 3 4	4 8 0 92	37 10 53	<0 5								5
5900	Standard acrylic fabric	1 0 4 3	4 22 3 75	33 7 60	45 5								5
6080	Standard acrylic fabric	1 0 3 4	4 13 1 86	38 11 51	<0 5								5
6100	Standard acrylic fabric	1 0 3 2	3 36 6 58	49 17 34	<0 5								5
6110	Standard acrylic fabric	1 0 3 2	3 50 14 36	50 15 35	72 4								4
6120	Standard acrylic fabric	1 0 2 2	2 52 15 33	58 21 21	70 5								5
6140	Standard acrylic fabric	1 0 2 2	2 57 20 23	58 22 20	72 5								5
6150	Standard acrylic fabric	1 0 3 2	3 46 12 42	47 13 40	96 4								4
6200	Standard acrylic fabric	1 0 2 2	2 53 18 29	54 20 26	90 4								4
6220	Standard acrylic fabric	1 0 4 3	4 31 4 65	35 6 59	87 4								4
6230	Standard acrylic fabric	1 0 3 2	3 44 10 46	48 13 39	73 4								4
6240	Standard acrylic fabric	1 0 2 2	2 60 26 14	60 27 13	98 4								4
6260	Standard acrylic fabric	1 0 4 4	4 28 2 70	32 3 65	94 4								4
6300	Standard acrylic fabric	1 0 2 2	2 56 23 21	58 24 18	97 4								4

Manufacturer's data according to DIN EN 14501 and DIN EN 410
The photometric data are recorded by reputable institutes and are considered to be standard values. Tolerances in the measurement procedure and batch-related variations from the samples can lead to deviations in the determined values for which we cannot assume liability.

We do not accept liability for the accuracy of this information. Small colour deviations may occur.

* Designs not as fabric patterns in the colour chart

Design no.	Quality	Price range	View out	Summer Thermal protection	Glare control	Visual privacy	Light reflectance in %	Light transmittance in %	Light absorption coefficient in %	Solar reflectance in %	Solar absorbance in %	Colour rendering index	Page
6310	Standard acrylic fabric	1 0 3 2	2 52 17 31	54 19 27	98 4								4
6320	Standard acrylic fabric	1 0 2 2	2 49 16 35	55 22 23	89 4								4
6370	Standard acrylic fabric	1 0 4 4	4 7 0 93	9 0 91	88 4								4
6390	Standard acrylic fabric	1 0 4 4	4 6 0 94	7 0 93	97 4								4
6400	Standard acrylic fabric	1 0 3 2	3 37 10 53	36 10 54	97 4								4
6420	Standard acrylic fabric	1 0 3 2	3 36 5 59	41 9 50	92 4								4
6430	Standard acrylic fabric	1 0 4 4	4 10 0 90	20 2 78	15 6								4
6450	Standard acrylic fabric	1 0 3 2	3 33 5 62	37 8 55	93 4								4
6490	Standard acrylic fabric	1 0 2 2	2 61 22 17	61 23 16	83 5								4
6550	Standard acrylic fabric	1 0 2 2	2 53 19 28	56 23 21	76 4								4
6640	Standard acrylic fabric	1 0 2 2	2 63 28 9 62	27 11 92 4									4
6650	Standard acrylic fabric	1 0 2 2	2 55 18 27	60 22 18	85 4								4
6670	Standard acrylic fabric	1 0 3 2	3 43 7 50	52 14 34	79 4								4
6740	Standard acrylic fabric	1 0 3 4	4 9 0 91	34 8 58	<0 5								5
6770	Standard acrylic fabric	1 0 2 2	3 50 15 35	51 19 30	42 5								5
6840	Standard acrylic fabric	1 0 4 4	4 10 1 89	27 6 67	<0 6								6
6900	Standard acrylic fabric	1 0 4 4	4 3 0 97	9 0 91	71 6								6
7000	Standard acrylic fabric	1 0 4 4	4 14 1 85	18 2 80	26 5								5
7020	Standard acrylic fabric	1 0 4 4	4 8 0 92	13 2 85	75 5								5
7090	Standard acrylic fabric	1 0 3 3	4 26 3 71	35 9 56	64 5								5
7140	Standard acrylic fabric	1 0 4 4	4 25 1 74	32 5 63	17 5								5
7160	Standard acrylic fabric	1 0 3 4	4 15 1 84	34 10 56	47 5								5
7170	Standard acrylic fabric	1 0 3 2	3 38 8 54	42 11 47	69 4								4
7180	Standard acrylic fabric	1 0 3 2	3 31 6 63	45 14 41	92 5								5
7190	Standard acrylic fabric	1 0 4 4	4 14 1 85	21 3 78	89 4								4
7220	Standard acrylic fabric	1 0 3 2	3 38 11 51	39 11 50	96 4								4
7230	Standard acrylic fabric	1 0 4 4	4 11 0 89	13 0 87	96 4								4
7240	Standard acrylic fabric	1 0 4 4	4 17 1 82	17 1 82	99 4								4
7290	Standard acrylic fabric	1 0 4 4	4 16 1 81	21 3 76	85 4								4
7300	Standard acrylic fabric	1 0 3 2	2 50 16 30	56 16 34	97 4								4
7310	Standard acrylic fabric	1 0 4 2	3 29 4 67	33 7 60	91 4								4
7320	Standard acrylic fabric	1 0 4 4	4 19 2 79	24 4 72	60 5								4
7360	Standard acrylic fabric	1 0 3 2	3 42 9 49	49 16 35	36 5								5
7370	Standard acrylic fabric	1 0 4 2	3 31 5 64	33 7 60	30 5								5
7380	Standard acrylic fabric	1 0 3 2	3 40 8 52	45 14 41	31 5								5
7390	Standard acrylic fabric	1 0 2 2	2 61 26 13	56 23 21	50 5								5
7400	Standard acrylic fabric	1 0 4 4	4 17 0 83	35 7 58	<0 5								5
7600	Standard acrylic fabric	1 0 4 4	4 10 1 89	11 1 88	96 4								4
7610	Standard acrylic fabric	1 0 4 3	4 27 4 69	27 4 69	93 4								