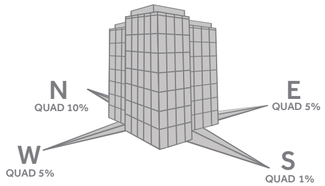
Quad

Our Quad FR screen fabric is designed to give you total solar control in different environments.

You can choose from 4 openness factors - 1, 3, 5 & 10% - meaning that you can tailor the openness factor across an area or building to suit your desires. By varying the openness factor according to the aspect of a window, you can use the 4 openness factors to maintain even levels of natural light throughout a building.



The same weave is used across the range, so whatever openness factor you choose, your environments will benefit from a consistent look and feel. Take advantage of fabric widths up to 3000mm for larger windows, where you can have fewer, larger blinds without the need for unsightly joins in the fabric. Use our Quad FR collection for the perfect shading solution for any space or building.

Screens have attained the US Greenguard certification for indoor air quality.

Screens have been Oeko-Tex Standard 100 certified.

ANTI-BACTERIAL
ANTI-FUNGI

Screens have been infused with an anti-microbial protection coating that helps to prevent the growth of stains, odor-causing bacteria, mold and mildew.

LEAD-FREE
HEAVY METAL FREE

Screens are free of heavy metal elements and other hazardous substances.

Screens are recyclable

Screens have attainted both German B1 and US NFPA 701 flammability certifications.

COLOR FASTNESS

Screens have a color fastness rating of 8, indicating they optimally keep their color in heavy weather conditions.

PRINTABLE

Screens are suitable for printing (digital printing, screen printing, transfer, paint, adhesive).

LIMITED 5 YEAR WARRANTY

Screens come with a 5 year limited warranty on fabric.

your distributor:

DECORQUIP®

Quad

Screen FR 2000-2500-3000mm
Openness Factors 1, 3, 5 & 10%

DECORQUIP®

SA-1108 April 2019

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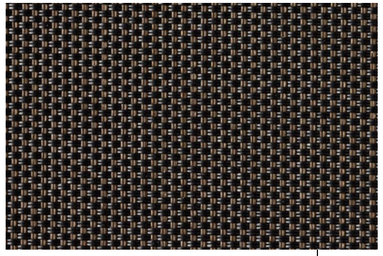
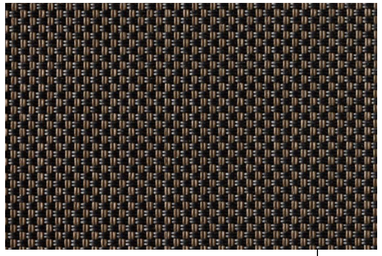
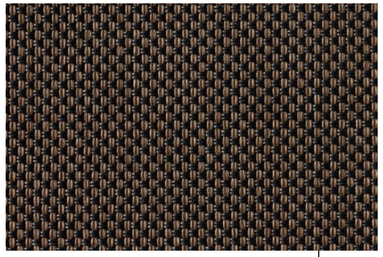
- 4 openness factors - you can tailor the amount of light required in each area
- Widths up to 3000mm - meaning you can have larger blinds without joins
- 10 matching colours in each openness factor - maintain a consistent look throughout a building



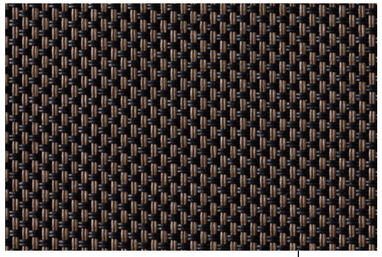
89-127mm / 2500mm | 1%



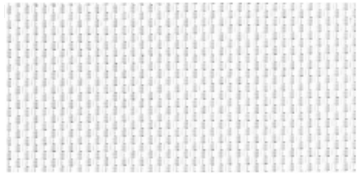
89-127mm / 2000-2500-3000mm | 3%



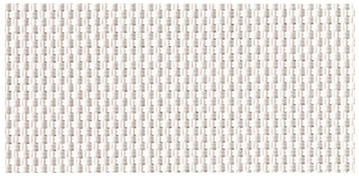
89-127mm / 2000-2500-3000mm | 5%



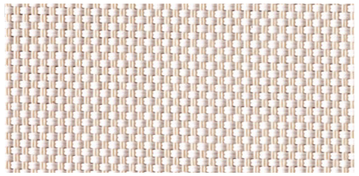
2500mm | 10%



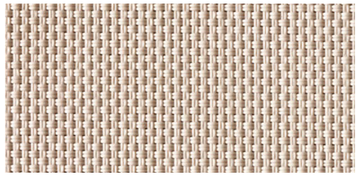
Quad Bright White



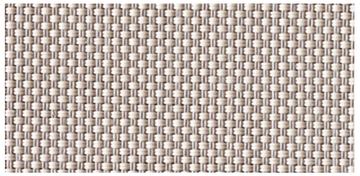
Quad Ivory



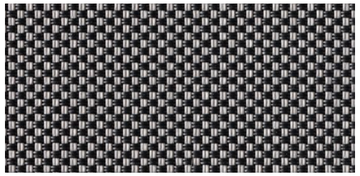
Quad Beige



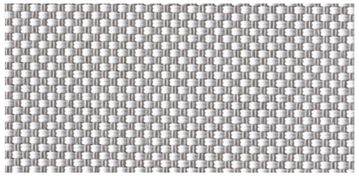
Quad Sand



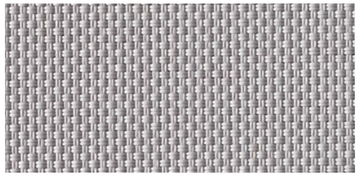
Quad Pearl Grey



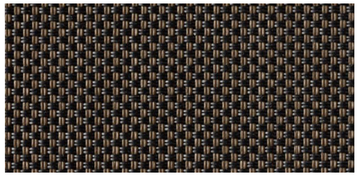
Quad Iron Grey



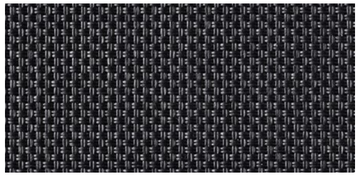
Quad Soft Grey



Quad Steel



Quad Bronze



Quad Ebony

Note that the appearance of colours may vary across different openness factors.

Technical details

Openness factor (%)	Quad 1%	Quad 3%	Quad 5%	Quad 10%
Weave	basketweave 2x2	basketweave 2x2	basketweave 2x2	basketweave 2x2
Composition	30% Polyester, 70% PVC	30% Polyester, 70% PVC	30% Polyester, 70% PVC	30% Polyester, 70% PVC
Fabric width	89-127mm / 2000-2500-3000mm 3.5-5-79-98-118in	89-127mm / 2000-2500-3000mm 3.5-5-79-98-118in	89-127mm / 2000-2500-3000mm 3.5-5-79-98-118in	2500mm 98in
Roll length	27.4m / 30yds	27.4m / 30yds	27.4m / 30yds (vertical 90m / 100 yards)	27.4m / 30yds
Fabric weight	480gr/m² (14.16oz./yd²)	470gr/m² (13.86oz./yd²)	410gr/m² (12.09oz./yd²)	340gr/m² (10.03oz./yd²)
Fabric thickness	± 0.68mm / ± 0.027in	± 0.58mm / ± 0.023in	± 0.55mm / ± 0.022in	± 0.50mm / ± 0.020in
Breaking strength (ISO 1421)	warp 192 daN/5cm weft 198 daN/5cm	warp 180 daN/5cm weft 178 daN/5cm	warp 172 daN/5cm weft 175 daN/5cm	warp 157 daN/5cm weft 135 daN/5cm
Tearing strength (ISO 4674)	≥ 8daN warp, ≥ 7daN weft	≥ 8daN warp, ≥ 7daN weft	≥ 7daN warp, ≥ 6daN weft	≥ 7daN warp, ≥ 6daN weft
UV blockage	approximately 99%	approximately 97%	approximately 95%	approximately 90%
Colour fastness (ISO 105: B02)	grade 8 (scale 1-8)	grade 8 (scale 1-8)	grade 8 (scale 1-8)	grade 8 (scale 1-8)
Fire classification	B1 DIN 4102, NFPA 701	B1 DIN 4102, NFPA 701	B1 DIN 4102, NFPA 701	B1 DIN 4102, NFPA 701
Bacterial & Fungal Resistance	BS EN ISO 846 (UK) / US ASTM G21 (Fungal) US ASTM G22 (Bacteria)	BS EN ISO 846 (UK) / US ASTM G21 (Fungal) US ASTM G22 (Bacteria)	BS EN ISO 846 (UK) / US ASTM G21 (Fungal) US ASTM G22 (Bacteria)	BS EN ISO 846 (UK) / US ASTM G21 (Fungal) US ASTM G22 (Bacteria)

Quad 1%

	Solar Optical Properties					Shading Coefficient			*Solar Factor EN14501: glass type C			
Colour	Ts	Rs	As	Tv	Tuv	1/8" Cl.	1/4" Cl.	1/4" H.A.	gtot ext.	class	gtot int.	class
Ivory	4	67	29	3	1	0.29	0.30	0.30	0.08	4	0.33	2
Bright White	8	77	15	6	1	0.21	0.22	0.26	0.07	4	0.31	2
Beige	10	62	28	4	1	0.35	0.35	0.32	0.07	4	0.35	2
Soft Grey	1	41	58	0	1	0.47	0.46	0.38	0.07	4	0.39	2
Iron Grey	0	8	92	0	1	0.70	0.66	0.49	0.09	3	0.52	0
Ebony	0	3	97	0	1	0.73	0.69	0.51	0.09	3	0.55	0
Steel	0	32	68	0	1	0.53	0.51	0.41	0.08	4	0.46	1
Sand	4	51	45	2	1	0.41	0.40	0.35	0.08	4	0.38	2
Bronze	0	12	88	1	1	0.67	0.64	0.48	0.09	3	0.54	0
Pearl Grey	1	51	48	1	1	0.40	0.40	0.35	0.08	4	0.49	1

Quad 3%

	Solar Optical Properties					Shading Coefficient			*Solar Factor EN14501: glass type C			
Colour	Ts	Rs	As	Tv	Tuv	1/8" Cl.	1/4" Cl.	1/4" H.A.	gtot ext.	class	gtot int.	class
Ivory	9	72	19	8	4	0.35	0.32	0.30	0.09	4	0.34	2
Bright White	10	74	16	9	4	0.26	0.27	0.28	0.08	4	0.32	2
Beige	7	58	35	7	4	0.37	0.37	0.33	0.08	4	0.36	2
Soft Grey	5	43	52	7	4	0.47	0.46	0.38	0.08	4	0.40	1
Iron Grey	3	10	87	4	3	0.66	0.49	0.60	0.10	3	0.53	0
Ebony	3	3	94	5	3	0.74	0.70	0.51	0.10	3	0.56	0
Steel	9	51	40	6	4	0.42	0.36	0.38	0.09	4	0.47	1
Sand	6	37	57	7	4	0.51	0.50	0.40	0.09	4	0.39	2
Bronze	3	5	92	3	3	0.69	0.50	0.62	0.10	3	0.55	0
Pearl Grey	6	39	55	5	4	0.48	0.40	0.44	0.09	4	0.50	0

Quad 5%

	Solar Optical Properties					Shading Coefficient			*Solar Factor EN14501: glass type C			
Colour	Ts	Rs	As	Tv	Tuv	1/8" Cl.	1/4" Cl.	1/4" H.A.	gtot ext.	class	gtot int.	class
Ivory	10	70	20	10	6	0.29	0.30	0.30	0.11	3	0.35	1
Bright White	12	74	14	11	7	0.26	0.27	0.29	0.10	3	0.33	2
Beige	9	56	35	9	6	0.39	0.38	0.34	0.11	3	0.36	1
Soft Grey	6	47	47	8	6	0.44	0.43	0.37	0.10	3	0.41	1
Iron Grey	7	11	82	8	5	0.66	0.49	0.41	0.12	3	0.54	0
Ebony	5	3	92	7	5	0.74	0.70	0.51	0.12	3	0.56	0
Steel	14	49	37	12	6	0.44	0.37	0.41	0.11	3	0.48	1
Sand	8	40	52	9	5	0.52	0.50	0.40	0.11	3	0.40	1
Bronze	7	5	88	8	5	0.70	0.51	0.44	0.12	3	0.55	0
Pearl Grey	8	40	52	9	6	0.50	0.48	0.40	0.11	3	0.55	0

Quad 10%

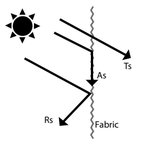
	Solar Optical Properties					Shading Coefficient			*Solar Factor EN14501: glass type C			
Colour	Ts	Rs	As	Tv	Tuv	1/8" Cl.	1/4" Cl.	1/4" H.A.	gtot ext.	class	gtot int.	class
Ivory	21	71	8	23	11	0.34	0.33	0.30	0.12	3	0.37	1
Bright White	23	73	4	22	12	0.29	0.26	0.25	0.11	3	0.34	2
Beige	15	62	23	17	9	0.38	0.35	0.32	0.12	3	0.37	1
Soft Grey	10	55	35	11	9	0.45	0.44	0.42	0.11	3	0.42	1
Iron Grey	9	13	78	10	10	0.72	0.68	0.53	0.13	3	0.55	0
Ebony	7	5	88	9	10	0.75	0.70	0.56	0.13	3	0.57	0
Steel	20	54	26	19	9	0.56	0.53	0.45	0.12	3	0.49	1
Sand	12	51	37	13	9	0.45	0.43	0.37	0.12	3	0.41	1
Bronze	10	9	81	11	9	0.69	0.67	0.50	0.13	3	0.56	0
Pearl Grey	11	46	43	12	9	0.42	0.42	0.37	0.12	3	0.56	0

Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

Ts = Solar Transmittance
Rs = Solar Reflectance
As = Solar Absorptance
Tv = Visual Transmittance
Tuv = UV Transmittance

1/8 CL = 1/8" Clear Glass
1/4 CL = 1/4" Clear Glass
1/4 HA = 1/4" Heat Absorbing Glass

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



Rs+Ts+As = 100% of solar energy

*Measurements according to EN410; Classification according to EN 14501: Blinds and Shutters - Thermal and visual comfort

gtot ext = Solar factor + Solar shading exterior application
gtot int = Solar factor + Solar shading interior application
Class = Classification from 0 to 4 where 0 is very little effect and 4 is very good effect

DECORQUIP®