

## Soltis 92 fabric:

- base material made from highly tear-resistant polyester
- coating: PVC, fireproof, with UV absorber and fungicidal finish
- surface treatment: acrylic varnish with dirt-repellent finish
- flame resistant according to DIN 4102-B1

Web width: 177 cm, fabric weight: approx. 420 g/m<sup>2</sup>  
Small colour deviations may occur!

## Thermal and visual fabric properties (according to DIN EN 14501)

### Protection against summer heat

#### Used for window, patio and conservatory awnings

The property of the external fabric preventing heat build-up in the room. Thermal insulation glass (U = 1.2 W/m<sup>2</sup>K; g = 59 %) is used for classification, the value g<sub>total</sub> is calculated according to DIN EN 13 363-1.

Picto	Description
	Not relevant for external fabrics.
	Not relevant for external fabrics.
	The sun shading system provides good protection against heating up of the room.
	The sun shading system provides very good protection against heating up of the room.
	The sun shading system provides maximum protection against heating up of the room.

### Glare control

Property of the fabric allowing reduction of solar radiation on the workspace and prevention of direct view of the sun.

Picto	Description	Remarks to facade side
	No glare control.	
	Glare control is very limited and only suitable for few applications, e.g. north facade, when glare from opposite facades is impossible.	Suitable for north side; east, south and west side not suitable for computer workstations
	Glare control is almost always ensured and only insufficient for few applications, e.g. computer workstations directly facing the window.	Suitable for east, south, west facade
	Glare control is almost always ensured and only insufficient for few applications, e.g. computer workstations directly facing the window and CAD application.	Suitable for east, south, west facade
	Full glare control independent of outside conditions such as workstation orientation, e.g. black-out versions. Please note that there is no view out.	Suitable for east, south, west facade

Small colour deviations may occur!

### Visual privacy

The property of the fabric preventing a person inside the room to be discerned from the outside under normal night-time lighting conditions.

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

### View out

Property of the fabric allowing view out when extended.

Picto	Description
	View out is not possible.
	View out is extremely limited, outlines can be discerned.
	View out is limited, outlines are easy to discern.
	View out is minimally limited, e.g. people can be seen at a distance of 10 m.
	View out is almost unobstructed.

### Solar radiation

**Light reflectance** ρ = Which percentage of the light reaching the awning is reflected.

**Light transmittance** τ = Which percentage of the light reaching the awning passes through (how bright is it underneath the awning).

**Light absorption coefficient** α = Which percentage of the light reaching the awning is absorbed.

**Radiation reflection** ρ<sub>e</sub> = Which percentage of the total radiation reaching the awning (UV + light + infrared) is reflected.

**Solar transmittance** τ<sub>e</sub> = Which percentage of the total radiation reaching the awning (UV + light + infrared) passes through.

**Solar absorptance** α<sub>e</sub> = Which percentage of the total radiation reaching the awning is absorbed and transformed to heat.

Values for transmission, reflection and absorption according to DIN EN 410 according to manufacturer's data. The printed data are reference values and individual verification is still required!



## SOLTIS 92 fabrics

Design no.	External colour (for two-colour designs)	Price category	View out	Summer heat protection	Glare control	Visual privacy	Light reflectance in %	Light transmittance in %	Light absorption coefficient in %	Radiation reflection in %	Solar transmittance in %	Solar absorptance in %	Page
012		2	2	3	3	2	30	6	64	30	7	63	3
013		2	1	3	1	2	62	16	22	57	18	25	3
039		2	2	4	3	2	8	3	89	8	3	89	4
043		2	2	4	3	2	12	2	86	12	2	86	3
044		2	1	3	1	2	77	19	4	70	20	10	2
045		2	2	4	3	2	38	3	59	35	3	62	2
046	aluminium	2	1	4	1	2	49	8	43	48	9	43	2
046	silk coloured	2	1	4	1	2	68	8	24	63	9	28	2
047		2	2	3	3	2	8	5	87	8	5	87	2
048		2	1	4	1	2	47	8	45	46	8	46	2
051	aluminium	2	1	3	1	2	50	10	40	50	10	40	2
051	white	2	1	4	1	2	78	9	13	70	9	21	2
053		2	2	3	3	2	6	3	91	6	3	91	2
065		2	2	3	2	2	46	7	47	46	10	44	2
068	aluminium	2	2	4	3	2	39	5	56	40	5	55	2
068	anthracite	2	2	3	3	2	8	5	87	8	5	87	2
074	aluminium	2	2	4	3	2	38	4	58	38	4	58	2
074	grey	2	2	4	3	2	25	4	71	25	4	71	2
135		2	2	4	2	2	45	6	49	46	9	45	3
137		2	2	4	3	2	7	3	90	8	3	89	3
148		2	2	4	3	2	12	3	85	14	3	83	3
149		2	2	3	3	2	16	4	80	16	5	79	4
152		2	2	3	3	2	15	5	80	37	15	48	3
157		2	1	3	1	2	56	10	34	51	15	34	4
158		2	2	4	3	2	27	3	70	28	4	68	4
160		2	2	3	3	2	22	4	74	36	8	56	4
161		2	2	3	3	2	8	3	89	19	5	76	4
163		2	2	3	3	2	36	4	60	44	9	47	4
164		2	2	3	3	2	30	4	66	45	10	45	4
166		2	1	2	1	2	55	17	28	54	21	25	3
167		2	2	4	3	2	17	3	80	19	3	78	2
171		2	2	4	2	2	44	6	50	43	8	49	2
172		2	2	2	1	2	23	8	69	43	19	38	3
175		2	1	3	1	2	70	16	14	64	19	17	3
204		2	1	3	1	2	33	8	59	47	17	36	3
255		2	2	3	3	2	11	4	85	28	12	60	3
260		2	2	3	3	2	8	4	88	14	5	81	3
261		2	2	3	3	2	20	6	74	40	15	45	3
264		2	2	3	3	2	9	4	87	13	5	82	4
265		2	2	4	2	2	49	6	45	49	9	42	3
266		2	2	4	3	2	18	4	78	19	4	77	3
267		2	2	4	3	2	14	3	83	27	6	67	3
268		2	2	3	3	2	13	5	82	37	16	47	3
269		2	2	3	2	2	29	5	66	35	9	56	4
270		2	2	4	3	2	13	3	84	18	4	78	4
271		2	2	3	3	2	24	2	74	38	8	54	4
272		2	1	3	1	2	58	9	33	56	12	32	2
273		2	2	4	2	2	41	5	54	42	8	50	3
274		2	2	3	3	2	26	4	70	35	8	57	3
333		2	2	3	1	2	38	7	55	37	11	52	4
336		2	2	3	3	2	6	3	91	18	7	75	4
342		2	2	3	3	2	5	4	91	10	6	84	4

Manufacturer's data according to DIN EN 14501

No responsibility is taken for the accuracy of this information.

\* please note which colour is outside for two-colour designs!

## SOLTIS 92 fabrics

## SOLTIS 92-Stoffe

## Farbkarte

## Colour chart

Gültig ab 01. Dezember 2012

Dokumenten Nr. C341406.12.2012

Art.-Nr.: 875544

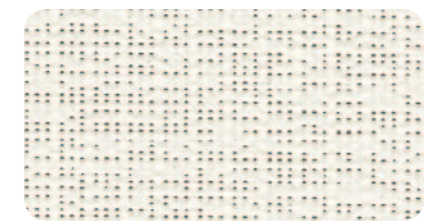
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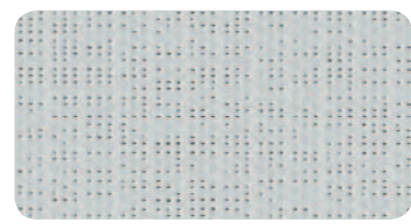
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# SOLTIS 92-Stoffe

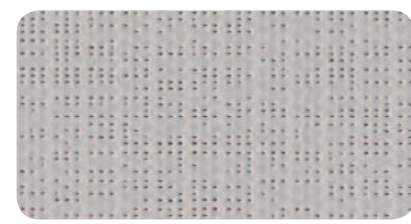
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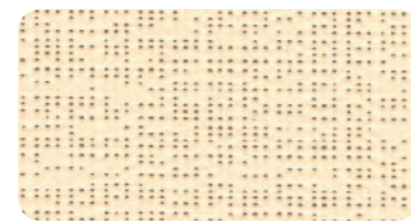
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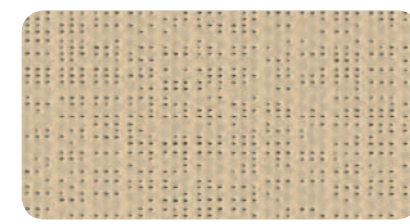
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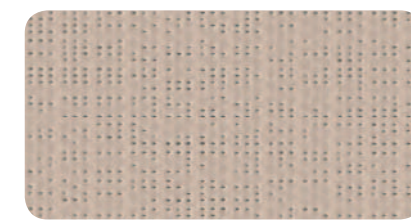
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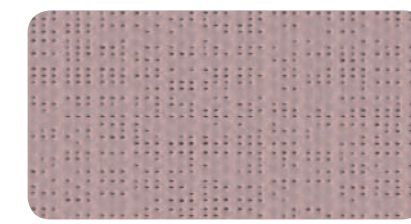
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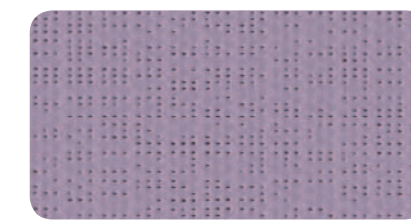
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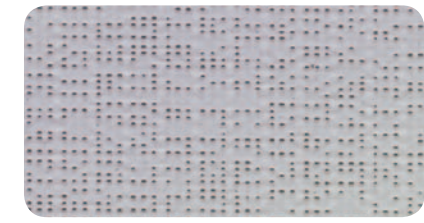
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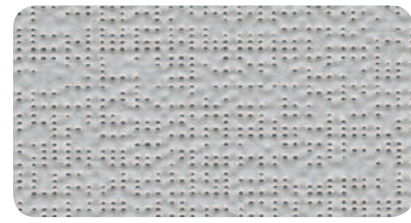
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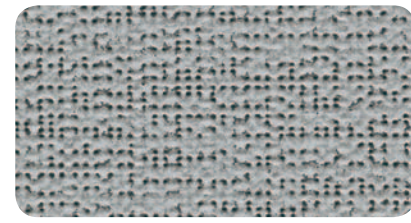
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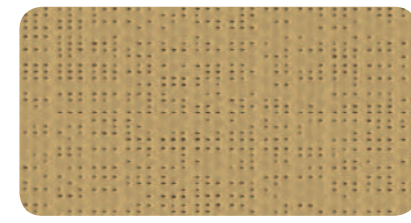
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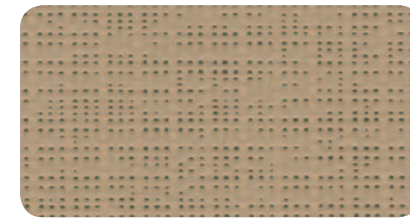
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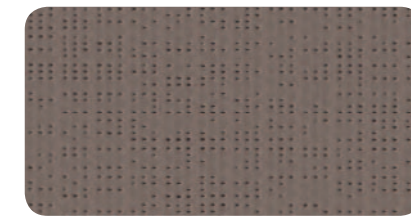
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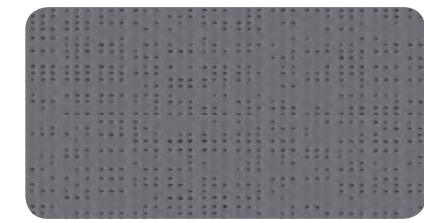
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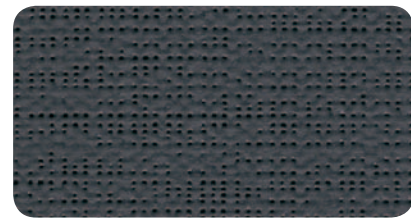
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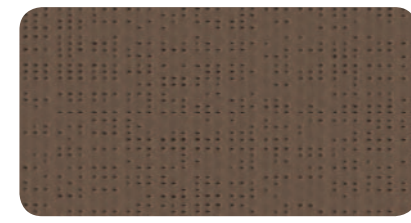
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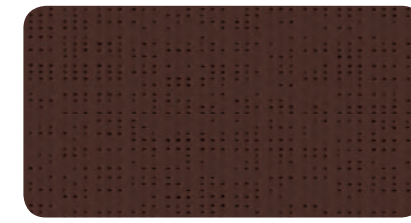
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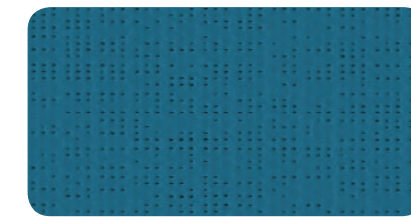
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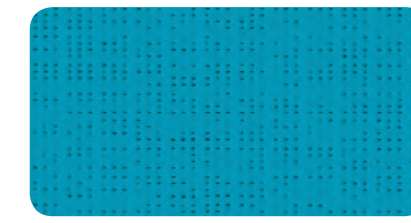
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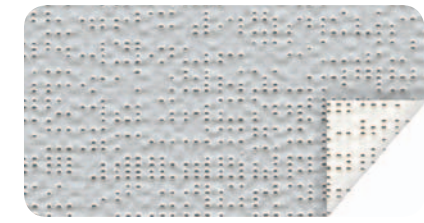
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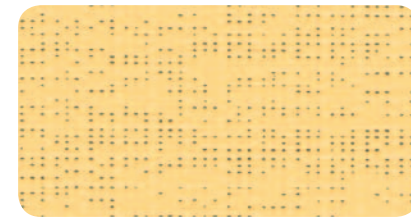
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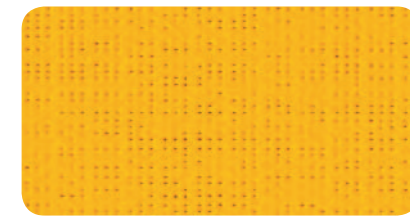
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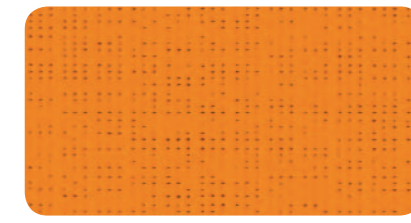
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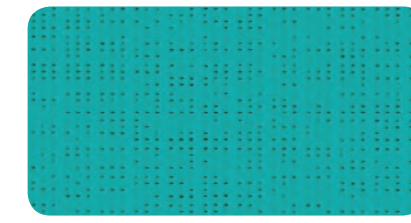
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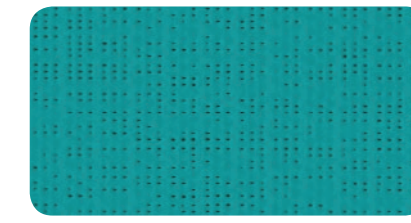
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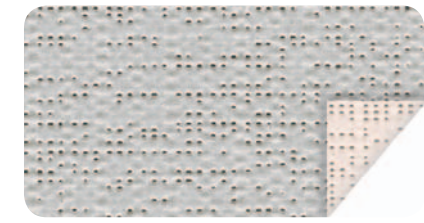
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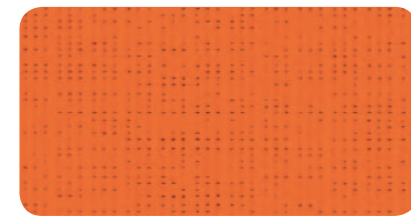
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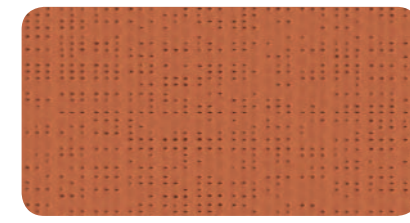
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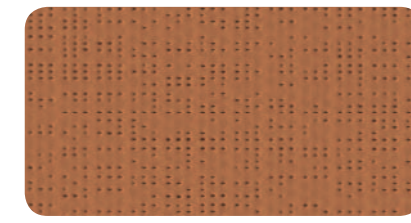
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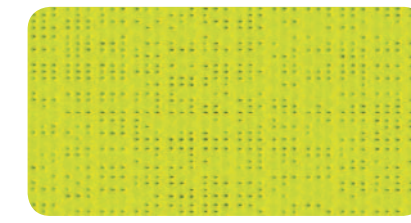
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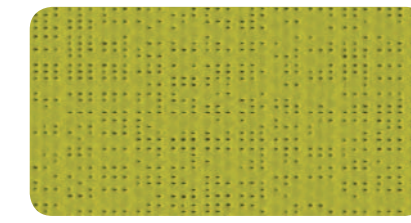
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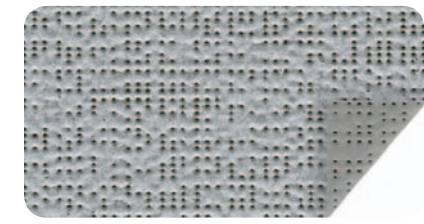
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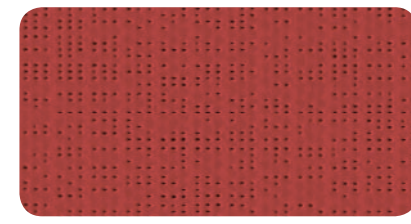
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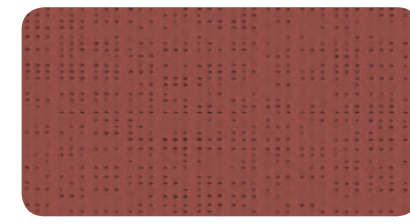
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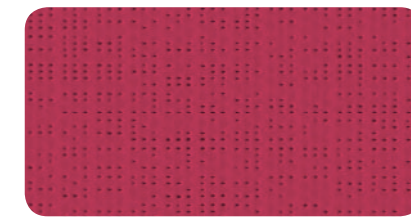
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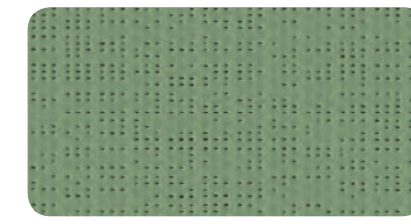
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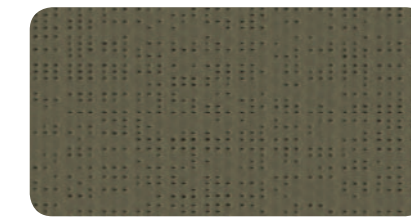
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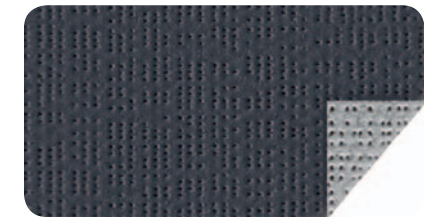
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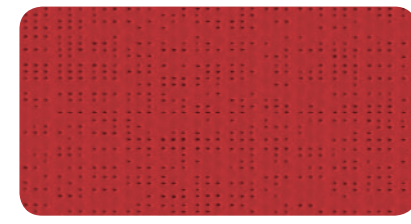
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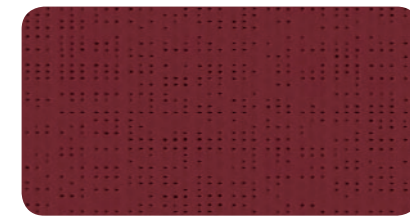
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