

Rainproof textile

Colour chart

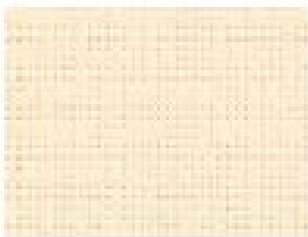


Der SonnenLichtManager

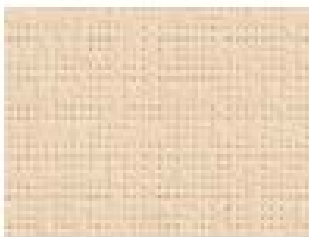
Soltis W96



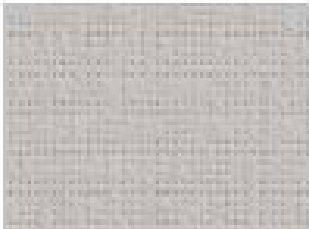
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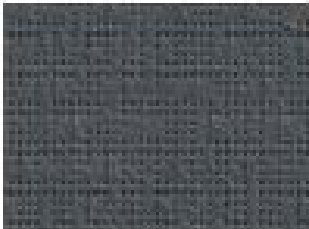
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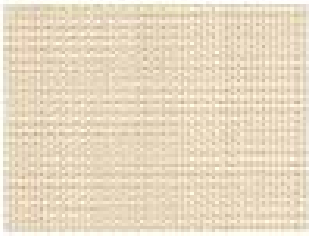


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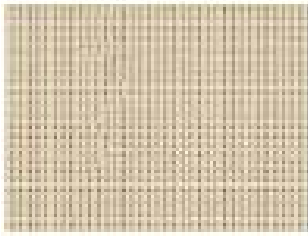


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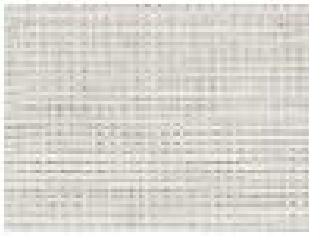
Sunvas Perla FR



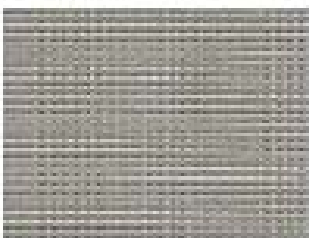
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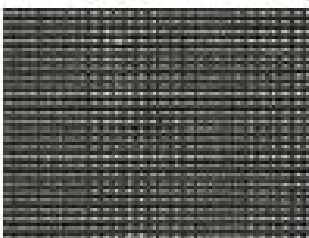
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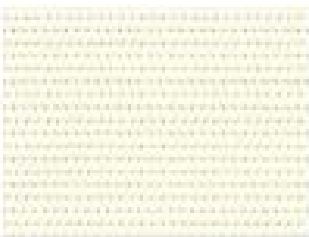


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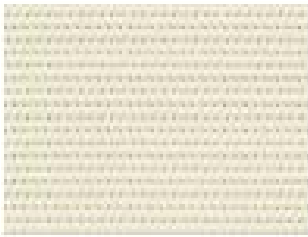


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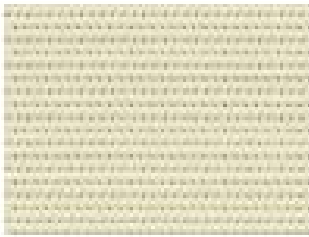
Sunworker Top



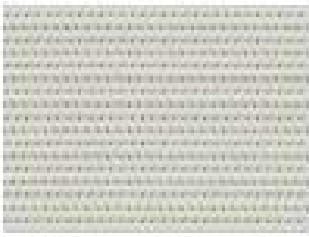
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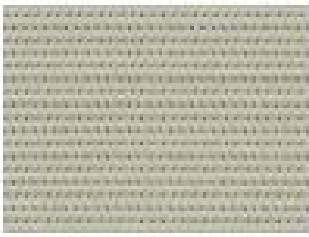
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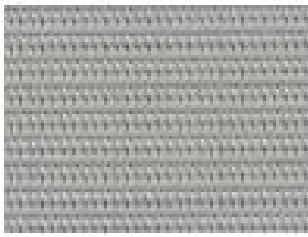
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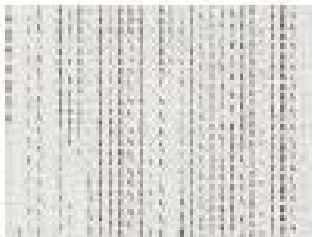



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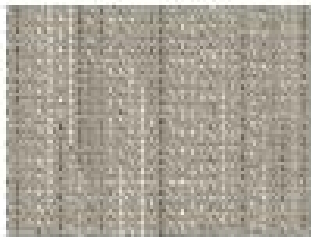




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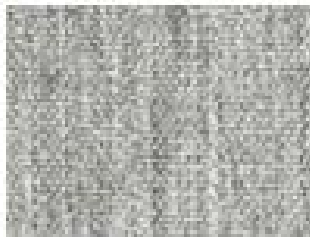
All Weather
acrylic fabric,
unicoloured



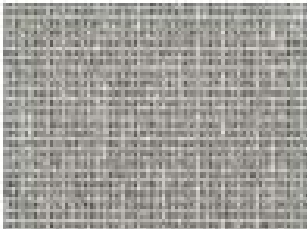
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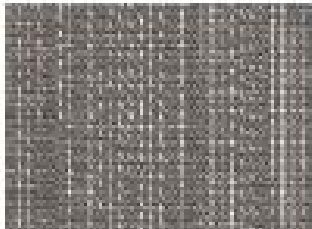
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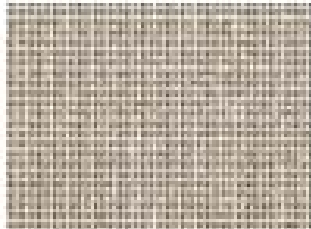
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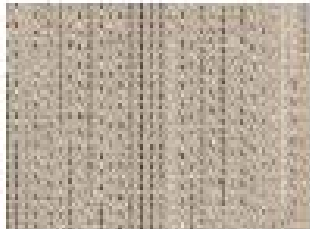
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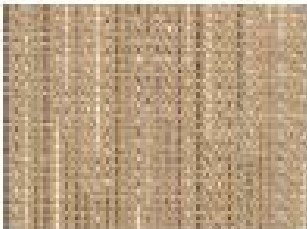
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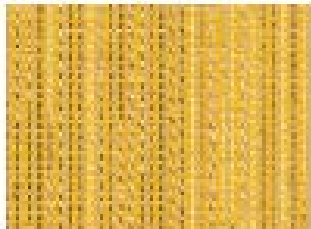
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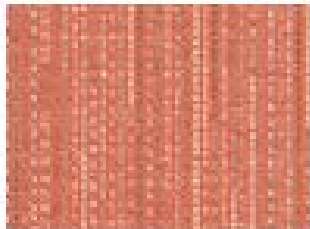
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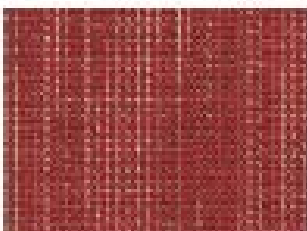
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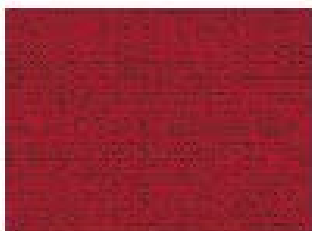
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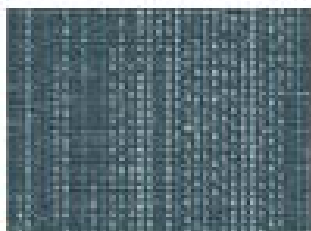
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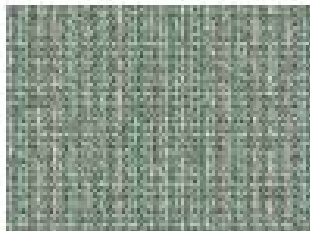
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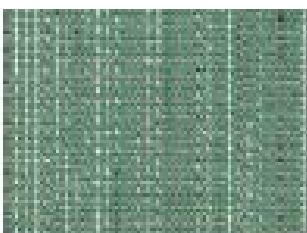
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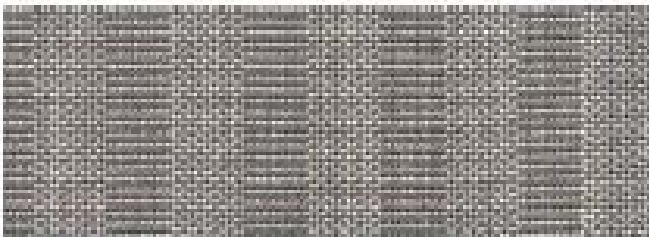


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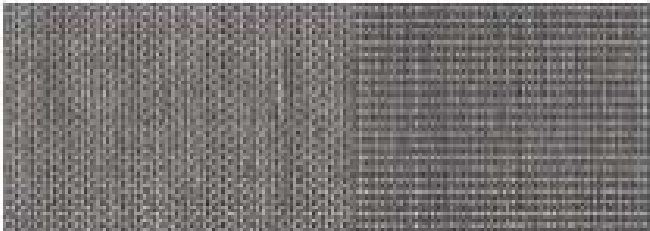


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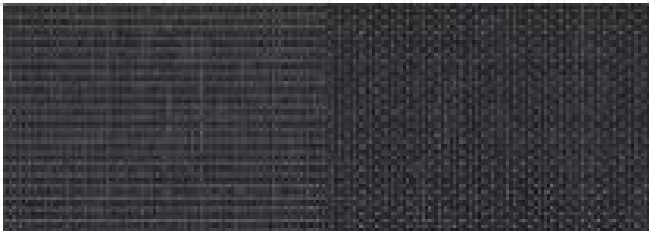
All Weather acrylic fabric, striped



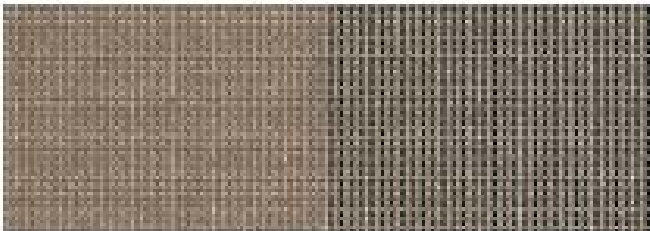
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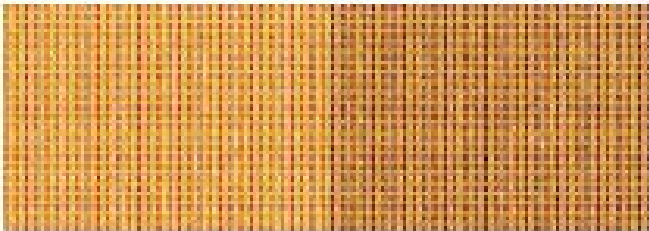
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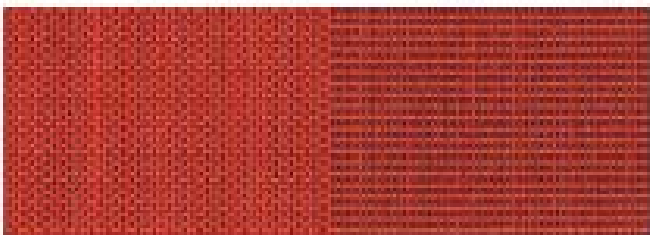
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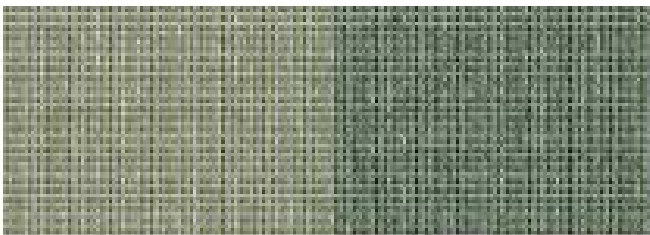
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9564



9566



9565



Design no.	UV protection factor	Visual privacy	Glare control (DIN EN 14501:2021)	Protection against overheating	View out	Light reflectance in %	Light transmittance in %	Light absorption coefficient in %	Solar reflectance in %	Solar transmittance in %	Solar absorptance coefficient in %	Colour rendering index	Page
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All Weather acrylic fabric

Price range 2													
9550	50+	2	2	2	0	-	19	-	52	20	28	96	4
9551	50+	4	3	4	0	-	3	-	31	5	64	89	4
9552	50+	4	4	4	0	-	1	-	20	2	78	97	4
9553	50+	3	3	3	0	-	5	-	38	9	53	63	4
9554	50+	4	4	4	0	-	4	-	33	6	61	58	4
9555	50+	3	2	3	0	-	11	-	44	14	42	38	4
9556	50+	4	3	3	0	-	3	-	40	12	48	16	4
9557	50+	4	4	4	0	-	1	-	19	2	79	43	4
9558	50+	4	4	3	0	-	2	-	31	8	61	88	4
9559	50+	4	4	3	0	-	1	-	32	8	60	84	4
9560	50+	4	4	4	0	-	2	-	24	2	74	97	5
9561	50+	4	4	4	0	-	2	-	23	2	75	97	5
9562	50+	4	4	4	0	-	1	-	26	4	70	90	5
9563	50+	3	2	3	0	-	9	-	43	13	44	37	5
9564	50+	4	4	3	0	-	2	-	32	8	60	15	5
9565	50+	4	4	3	0	-	3	-	33	8	59	96	5
9566	50+	4	4	3	0	-	2	-	43	11	46	60	5
9567	50+	4	4	4	0	-	0	-	7	0	93	-	5
9568	50+	3	4	4	0	-	5	-	32	5	63	97	4
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9570	50+	3	4	4	0	-	6	-	41	8	51	98	4
9571	50+	3	4	4	0	-	5	-	29	5	66	97	4
9572	50+	4	4	4	0	-	0	-	15	0	85	-	4
9573	50+	3	3	3	0	-	13	-	51	18	31	30	4
9574	50+	4	4	4	0	-	0	-	8	0	92	-	4

Soltis W96

Price range 5													
9510	50+	2	2	3	0	81	16	3	73	16	11	90	3
9511	50+	4	4	4	0	49	3	48	54	8	38	90	3
9512	50+	4	4	4	0	11	2	87	12	2	86	99	3
9513	50+	3	2	3	0	74	14	12	69	16	15	77	3
9514	50+	3	3	3	0	62	9	29	63	14	23	64	3

Sunvas Perla FR

Price range 4													
9600	50+	2	2	2	0	40	17	43	42	20	38	-	3
9601	50+	2	3	3	1	34	9	57	40	15	45	-	3
9602	50+	2	2	2	1	39	15	46	41	20	39	-	3
9603	50+	2	4	3	2	21	3	76	34	12	54	-	3
9604	50+	2	4	3	2	9	0	91	26	11	63	-	3

Sunworker Top

Price range 5													
9540	50+	2	1	2	0	75	24	1	65	24	11	-	3
9541	50+	3	3	3	0	52	15	33	45	16	39	-	3
9542	50+	3	4	3	0	31	6	63	27	7	66	-	3
9543	50+	2	2	2	0	63	18	19	59	22	19	-	3
9544	50+	3	3	3	0	56	15	29	49	17	34	-	3
9545	50+	3	4	3	0	38	7	55	34	9	57	-	3

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. Furthermore, the values were determined at the time that the documents were produced. More recent measurements may therefore deviate from the values included here.

No responsibility is taken for the accuracy of this information. Small colour deviations may occur!

Thermal and visual fabric properties in accordance with DIN EN 14501

Protection against overheating

Use for window awnings

The capacity of the external fabric to prevent heat build-up in the room. Heat protection glass ($U_g = 1.2 \text{ W/(m}^2\text{K)}$; $g = 59\%$) is used for classification; the value g_{tot} is calculated in accordance with DIN EN 13 363-1.

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 capacity of the fabric to reduce solar radiation on the workspace and prevent direct view of the sun.

Picto	Description	Remarks on 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 sides 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 virtually always ensured and only insufficient for few applications, e.g. computer workstations directly facing the window and CAD applications.	Suitable for east, south, west facade
	Full glare control independent of outside conditions such as workstation orientation, e.g. black-out qualities. Please note that no view out is possible.	Suitable for east, south, west facade

Visual privacy

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

Picto	Description
	No visual privacy is ensured. People are clearly discernible.
	Only little visual privacy is ensured. People are still discernible.
	Visual privacy is ensured, but shadows can always be seen and people can be discerned 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 $< 1 \text{ m}$.
	Complete visual privacy.

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 easy to see.
	The view out is minimally limited, e.g. people can be seen at a 10 m distance.
	The view out is nearly unobstructed.

Terms and definitions

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

Light transmittance T_v = the percentage of the light reaching the awning that passes through (how bright is it underneath the awning).

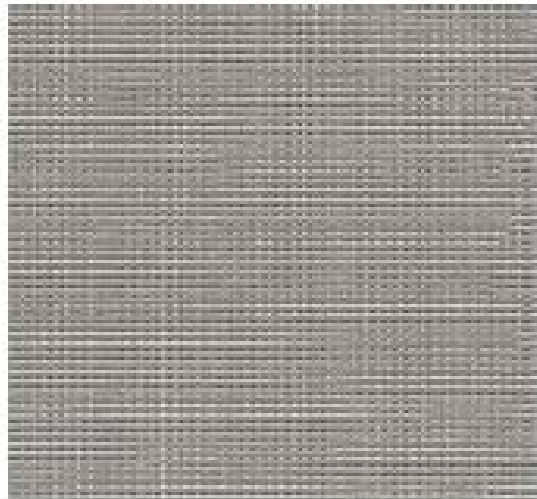
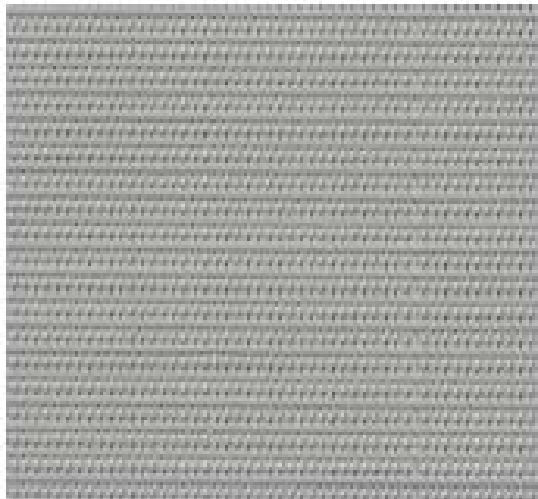
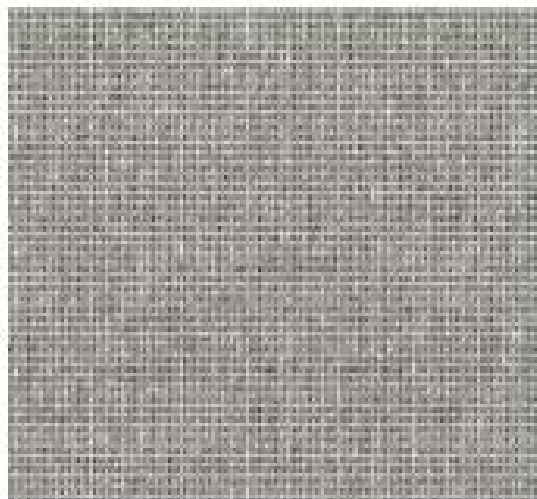
Light absorption coefficient α_v = the percentage of the light reaching the awning that is absorbed.

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

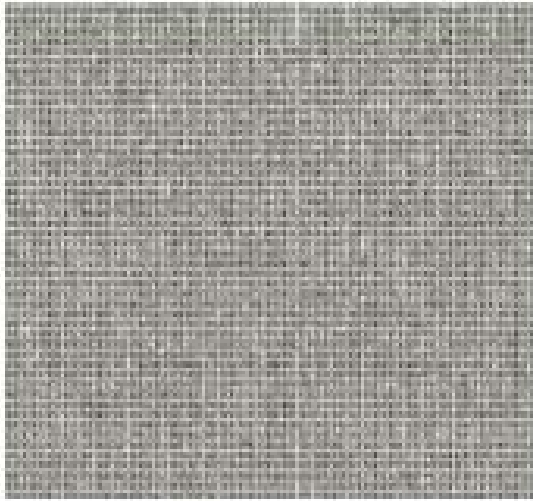
Solar transmittance T_e = the percentage of the total radiation reaching the awning that passes through.

Solar absorptance coefficient α_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 value can be a maximum of 100.



The right fabric quality for every requirement

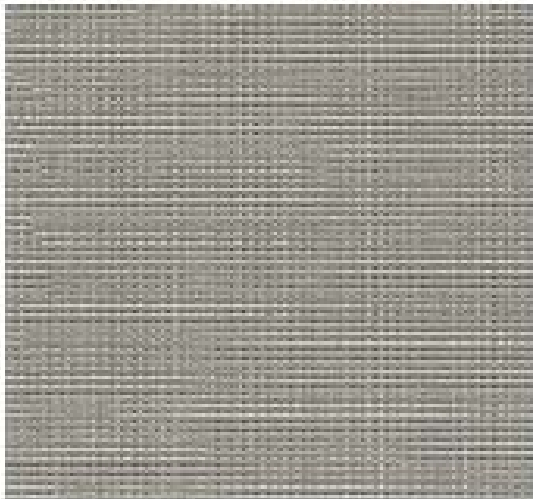


9571 All Weather acrylic fabric

All Weather acrylic fabric

The high-grade All Weather acrylic fabric consists of 100 % brand acrylic fabric. The finish applied to the outside with a special transparent coating 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 yarn, All Weather acrylic fabric is also light-fast, weather-proof and even tear-resistant.

- Web width: 120 cm
- Fabric weight: approx. 340 g/m²
- Inflammable
- Water column: > 1,000 mm
- Field of application: pergola awning Perea P20 and P40, Terrea, Climara

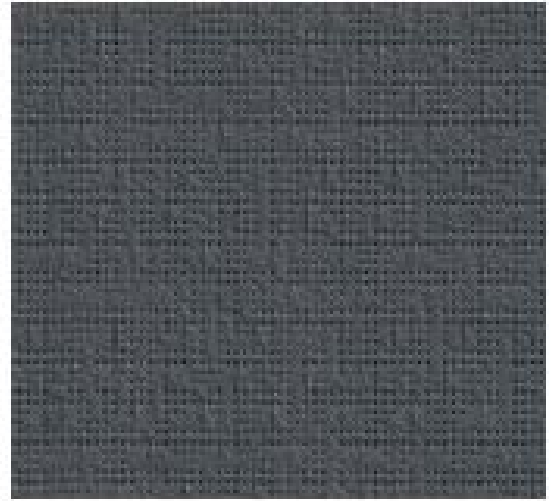


9603 Sunvas Perla FR

Sunvas Perla FR

Sunvas Perla FR is made of 100 % polyester. The awning fabric is yarn dyed and has a transparent FR coating on one side. Thanks to this coating, Sunvas Perla FR achieves building material class B-s1, d0 and is flame-retardant. In the event of a fire, only a small amount of smoke is generated by the fabric and the fabric will not drip. In addition, the fabric offers reliable rain protection up to a water column of 1,000 mm.

- Web width: 120 cm
- Fabric weight: approx. 380 g/m²
- Building materials class DIN EN 13501-1: B-s1, d0
- Water column: > 1,000 mm
- Field of application: pergola awning Perea P60 and P40 WeatherEdition

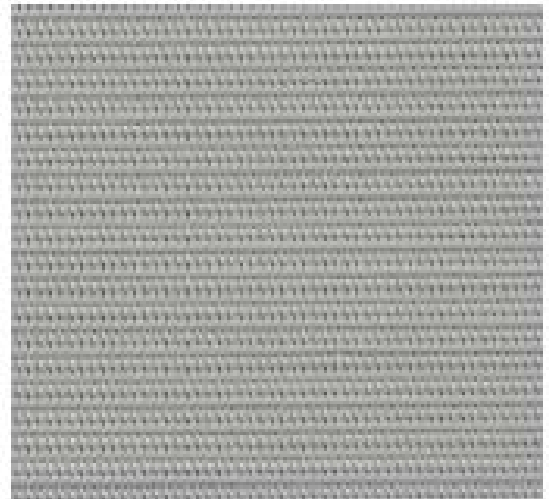


9512 Rainproof textile Soltis W96

Soltis W96

The fabric quality of rainproof textile Soltis W96 is a polyester mesh with a transparent coating. The completely waterproof fabric (water column > 7,000 mm) allows a large quantity of natural light through due to its high transparency and thus ensures pleasant lighting on your patio. The fabric is light-fast and tear-resistant thanks to its innovative manufacturing process.

- Web width: 267 cm
- Fabric weight: approx. 620 g/m²
- Building materials class DIN 4102-1: B1
- Water column: > 7,000 mm
- Field of application: pergola awning Perea P70



9542 Sunworker Top

Sunworker Top

The Sunworker Top is equipped with an innovative base material made of high tensile polyester threads. The threads are processed in a special web procedure of the Rachel Trameur technique and, as a result, are very resistant. An innovative special coating protects the fabric against bleaching from UV radiation as well as wind and weather. A transparent film membrane enhances the fabric, making it completely water-proof (water column > 10,000 mm).

- Web width: 300 cm
- Fabric weight: approx. 360 g/m²
- Flame-retardant
- Water column: > 10,000 mm
- Field of application: pergola awning Perea P60 and P40 WeatherEdition