The Variety of the Awning Collection

Fascinatingly beautiful

Der SonnenLicht**Manager**



Live out, feel in on your patio

The Outdoor Oasis of Well-Being is becoming more and more important

Colour play

Distant Property

Colour trends and the effect of colours on the patio

Find the right colour quickly

All the designs of the awning collection

Better quality of life outdoors

Perfectly protected with attractive shading systems



Easily integrate your patio into your Smart Home

Operate with our pioneering control solutions via app or radio remote control. Automate your awnings and their accessories truly easily and conveniently. Experience the new options of the Smart Home even on your patio.





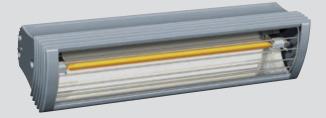
And with your patio you can live out, feel in

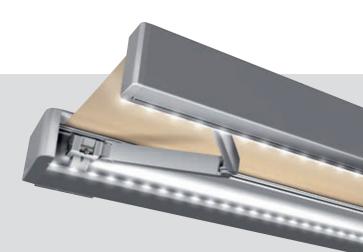
How do you want to live in the future? When it comes to life in the future, 94 percent of young people want to be able to step from the house straight into green spaces. Do you have the same longing for nature? Are quiet relaxation and a place to get away to outdoors just as important to you in our fast-paced world?

We see to it that the boundaries between outside and inside melt away. Outdoor Living and Indoor Cocooning – both combined with Smart Home are major trends. With WAREMA, your patio gains a whole new significance. It becomes a space where you can live out, feel in. With creative design options and innovative technologies. Our awning solutions as sun shading systems make modern outdoor living possible. Intelligent digitisation takes over the optimal control. And fully up-to-date designs accentuate the architecture of your home again or can be harmoniously integrated into the environment.

Equipment extras to improve your quality of life

Powerful radiant heater for awnings. Enjoy your patio and garden even in the cool evening hours at pleasant temperatures. With our radiation heaters, you can extend your "outdoor time" as much as you want.





▲ Effective and energy-efficient lighting. With our high-grade light systems, awnings conjure up an atmospheric ambience even in the evening. Choose from various solutions such as LED strips or a light rail – all can be conveniently controlled and dimmed using radio remote control.

Colours in focus

Nature and design enter a harmonious relationship and the outdoor space becomes a "living area". Fresh, vintage charm and strong colours make a statement in Outdoor Living and open up individual design opportunities.

The Colour Worlds of WAREMA present the latest trends in a diverse and modern collection. Our new fabrics show you how creative the design of your exterior can be with WAREMA awnings. Sorted following nature's example, our six Colour Worlds emphasise the atmospheric sensations of colour shades.

From earthy to vibrant

Reduced grey and beige tones give a high-quality look and create a stylish elegance. The colour schemes Sand & Earth and Stone & Mist focus on these pure shades. Bold sap green and light mint show the vitality of the Leaves & Meadows. In addition, green encourages communication and brings about openness. Ripe berry colours and intense red shades create accents and stand for an energised design of the awnings with Fire & Warmth. Smooth honey and homely terracotta give the exterior in the Sun & Light world a pleasant character. Light and bright, deep ultramarine and petrol evoke the clarity of Water & Air. The different designs and colours form trendy unique products with personality.



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Perceive Outdoor Trends in a new way

Trend researcher Livia Baum from zukunftStil about the cooperation with WAREMA

"The synergies in the cooperation with WAREMA have expediently led us to an innovative result for the new awnings collection. Around 5000 images from sectors such as design, interiors and architecture were methodically evaluated in a trend-scouting mission and linked with tendencies in society. The result is six trend-setting colour schemes. There is plenty of movement to see in outdoor living!"





The Augmented Reality App

Experience our sun shading solutions with the WAREMA Designer as genuinely and as real as if they were already fitted in your own home.

WAREMA Designer available for free in the app stores



The Interactive Collection Consultant

A new awning is an important decision. So take your time and compare our designs in peace with the online Collection Consultant.

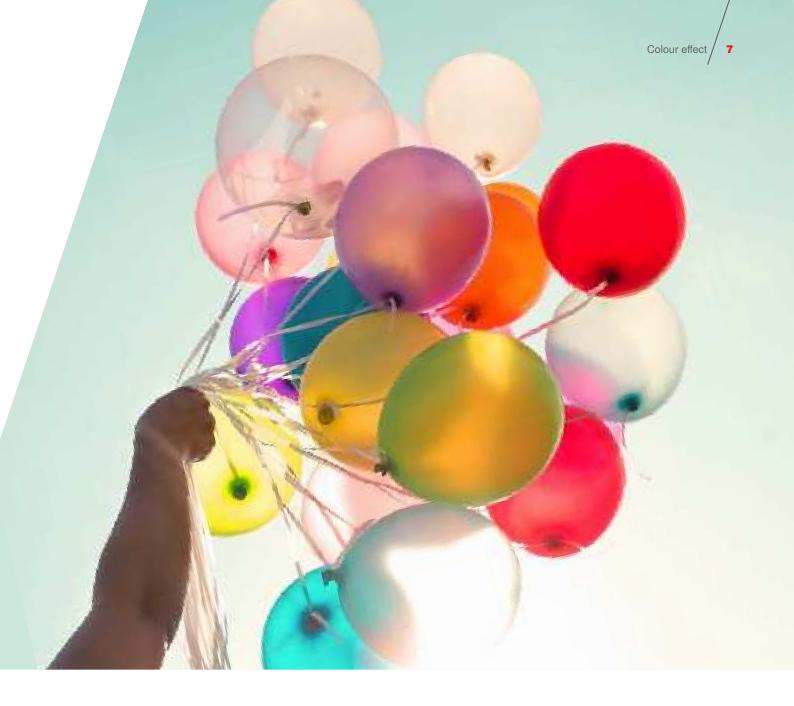
www.awnings-collection.com

Colour effect: Not just a matter of taste

Colours are of huge importance for your mood and well-being. With awnings, this atmosphere is instrumentally influenced by the colour of the fabric. Awning fabrics scatter the light and colour it, meaning that the effect can range from cool to warm.

Awning fabrics with cold colours are perceived as fresh and calming. Warm colours appear lively and stimulating. Neutral white and grey on the other hand create a natural, relaxed atmosphere, since they only very slightly affect the colour temperature of the light. To attain the optimum effect to precisely suit your personal style, you should also harmoniously integrate the colours of the facade, windows, patio doors and patio floor into your holistic concept.





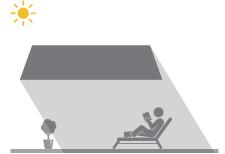
Neutral to vibrant



Yellow light has an activating effect and creates a warm atmosphere under the awning.



A red or berry-coloured shading system creates a powerful, impulsive accent in your space for "living out, feeling in".



The designs in grey and beige tones provide a neutral colour sensation.



WAREMA Colour spaces The World full of Colours

Let yourself be inspired for your new awning by the colours of nature. Create a harmonious resonance with the character of your garden and home.

From the very latest trend colours to timeless classics, the WAREMA Awnings Collection can fulfil any of your colour wishes with over 250 designs.

In order that you can first of all quickly determine the colour shade that you want, the product range is divided into six colour worlds. This makes choosing based on your preferred colour perception easier.



Leaves & Meadows

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Photographer: Ingo Pete

10

"We use cutting-edge technologies to sew and process customised quality fabrics in our own awning production department in Marktheidenfeld. It's a lot of fun to see how unique awnings are created. This is something that we can be proud of."

1.000

Jeanette Müller, awning production

Production 11

Seven steps to the high-grade awning fabric: The production



1. Fibre/yarn production

The basis of awning fabrics are high-grade acrylic fibres in which the colour is embedded directly into the fibre through a spinneret dyeing process. The result is a brilliant display of colour. The fibres are then spun into a stabile and even yarn.

The technological finish of our awning

provides the fabric with the necessary

fabrics ensures water and dirt-repellent

characteristics. Our special impregnation

with ecological and non-hazardous fabrics



2. Weaving

Our fabrics are woven in leading weaving mills in Europe. We have been working loyally together for a long time and also drive joint developments forward. The productionrelated web widths of 120 centimetres are processed into awning fabric.



4. Quality control

WAREMA stands for outstanding quality. Every production step, every fabric roll is continually tested. And logistics in production avoid the need for unnecessary transport, thus optimally protecting the fabrics.



5. Cut

3. Finish

degree of rigidity.

The symmetrical cut where the fabric pattern runs evenly to the right and to the left is important for creating a visually perfect awning fabric. To do this, we use high-grade cutting machines as well as additional visual controls with light tables.



7. Sewing, gluing or welding

Finally, the 120 cm wide strips of fabric are permanently bonded to each other with specialised, durable PTFE (Teflon-coated) sewing threads such as Tenara[®] in plain white or with ultra-modern gluing technology. Depending on the quality of the fabric, welding can also be used as a means of processing. During this process, the connecting seams as well as the hems are permanently bonded horizontally.

6. Transport

During processing, our awning fabrics are transported only when rolled to prevent wrinkles.

WAREMA processes quality fabrics from Europe's leading weaving mills:













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We leave nothing to chance. That is why your awning frame is coated in your pre-ferred colour in our own powder coating plant. Clean, highly precise and environ-mentally friendly thanks to chrome-free pre-treatment. This is quality made in Germany!

12 Ballet

This is quality made in Germany!

Your Ace: The Colour and Surface Selection

Perfectly match all parts to each other down to the last detail

Both when it comes to fabric designs and with all guide rails, cover panels and profiles, WAREMA offers you the maximum design freedom. You decide in which colour the aluminium elements are coated. Our solutions impress with excellent, durable coating quality and intensive colour brilliance.

What makes us special: The WAREMA Colour World is available for all powder-coated aluminium parts. That means you can uniformly design all WAREMA products in your home – from the awning frame to the insect screen frame.

Here you have the choice of whether the frame colour matches the sun shading fabric or whether you consciously create accents for the awning and facade. There are no limits on your options.





Colour selection

For the powder coating, you can choose from over 200 attractive powder colours. Our clearly arranged categories Highlight, Variation and Individual make it easier for you to decide. This way, you can find the right colour for your individual awning.

Surface qualities

Five different surfaces provide you with the perfect selection to suit your personal requirements. Satin finish is a slightly glossy surface with a smooth finish and optimal light and weather resistance. A matt surface, on the other hand, is distinguished by its smooth matt finish. Fine texture adds impressive effects. The highly weather-resistant surfaces are characterised by significantly improved weathering behaviour with regard to gloss retention, weathering, chalking and colour stability. This is available in "matt" and "fine texture".



Sunprint: the printable awning fabric

Do you have a favourite motif or are there visual moods that you just can't get enough of? Whatever you want, we will make it possible - with Sunprint. This is innovative digital large format printing on awnings. It offers a variety of applications, both in the private and commercial field. These large-format prints are possible over the complete awning or on specific parts of it. The white acrylic fabric with special surface treatment guarantees a photorealistic print-out. Unique like human and nature – your awning can be like that too with Sunprint.



What fabrics can do and what they can't

Our awning fabrics fulfil the highest technical quality requirements. In the production process, we check and guarantee the waterproofness, rigidity, dirt-repellent and water-repellent characteristics, tear resistance, light-fastness and many other factors for each fabric. We only use controlled material of the highest quality. Yet even state-of-the-art fabrics have physical limits, which you should know as the owner of the awning. With this knowledge you will have long-lasting joy from your new WAREMA awning.

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What you should know





Waterproofness/Rain-fastness

Our sun shading fabrics are impregnated with a waterrepellent finish, and with good care and an inclination angle of at least 14°, they keep out rain during short, light amounts of rainfall. During longer periods and/ or periods of heavy rainfall, the awning must remain closed or rolled up to avoid damage. If the fabric has become wet, the awning must be extended once again to avoid the formation of spot mould.

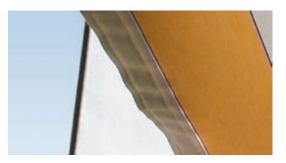
Wrinkles

Wrinkling can occur when the awning fabric is cut, sewn, or pulled onto the awning frame. A light line may be visible at the wrinkled location, especially in the case of light colours. When viewed against the light, this line is sometimes mistaken for a streak of dirt.



Waviness in the seams and web area

We sew awning fabrics in lockstitch on state of the art machines. This allows us to ensure even and defect-free seams. Since two strips of fabric overlap in the awning fabrics' seam and hem area, the strip of fabric on top must cover a longer distance when raised. This produces tension, which can occasionally result in the formation of small waves in the awning fabric.



Side hem elongation

The awning fabric must always be kept taut. Here, seams and hems provide additional reinforcement. When the cloth is rolled up, the pressure on seams and hems lying on top of one another can increase. This strain may stretch the awning fabric, which leads to slightly wavy side hems when the awning is extended.



Awnings with built-in UV protection

Safely enjoy the sun

You love sunny days and want to enjoy as much time as possible outside when the weather is nice. With a WAREMA awning you can fulfil that wish. Our awning fabrics achieve a filter effect for UV rays of between 83 and 100 %. This keeps your skin protected.

The colour of the awning fabric plays an important role in the UV protection. Light colours have low UV protection and dark colours have high UV protection. Under lighter fabrics, the temperature feels warmer than under darker fabrics, since the darker fabrics absorb more solar radiation. So you can also select the fabric colour to match your skin type.

What protection factor is right for you?

Туре	Features	Reaction of unprotected skin to 30 mins of sun exposure in June	Safe sun exposure time	Safe sun exposure under an awning		
				UPF 12	UPF 30	UPF 50
1	Light skin, freckles, blonde or red hair, blue or green eyes	Always sunburned, never tan	5–10 min.	60–120 min.	150–300 min.	250–500 min.
2	Light skin, blonde or red hair, blue or green eyes	Always sunburned, light tan	10-20 min.	120-240 min.	300-600 min.	500–1000 min.
3	Dark hair, blue eyes	Slight sunburn, good tan	20-30 min.	240-360 min.	600-900 min.	1000–2000 min.
4	Dark skin, dark or black hair, dark eyes	No sunburn, always tan	approx. 45 mins.	approx. 540 mins.	approx. 1350 min.	approx. 2250 mins.
5	Dark skin, black hair	No sunburn	approx. 60 min.	approx. 720 mins.	approx. 1800 mins.	approx. 3000 mins.
6	Black skin, black hair, dark eyes	No sunburn	approx. 90 min.	approx. 1080 mins.	approx. 2700 mins.	approx. 4500 mins.



Textile sun shading systems based on UPF

UPF stands for Ultraviolet Protection Factor and specifies the sun shading factor of awning fabrics. UPF is comparable in principle to the SPF sun protection factor of sunscreen lotions, although awnings offer a much higher protection. The UPF sun protection rating is subdivided into categories ranging from the lowest category UPF 12 to the highest category 50+. The table shows you how long you can stay protected from solar radiation under an awning depending on your skin type.



State-of-the-art fabrics with impressive characteristics

A look at the details is worthwhile: fabric properties

Are patterns, colours and designs important to you at first glance when choosing the fabric? Yet when you look closer, you will also be excited by the functional benefits of our modern fabrics. That's because not all fabrics are the same.

Through advanced technological processes, our fabrics for awnings, sun sails and similar sunshades have been turned into all-rounders with special characteristics.^o The most important functions include the view out, visual privacy, glare control and summer thermal protection.





View out



The view to the outside for sun shading products is subdivided into four categories. The view out is completely obstructed in category 0 and almost entirely unobstructed in category 4. There are corresponding increments between these.



Visual privacy



The visual privacy indicates whether and how well a person inside a room is visible from the outside under normal and nighttime lighting conditions. The categories range from 4 to 0, where visual privacy is fully ensured in category 4 and not ensured in category 0. There are increments in between.

Glare control

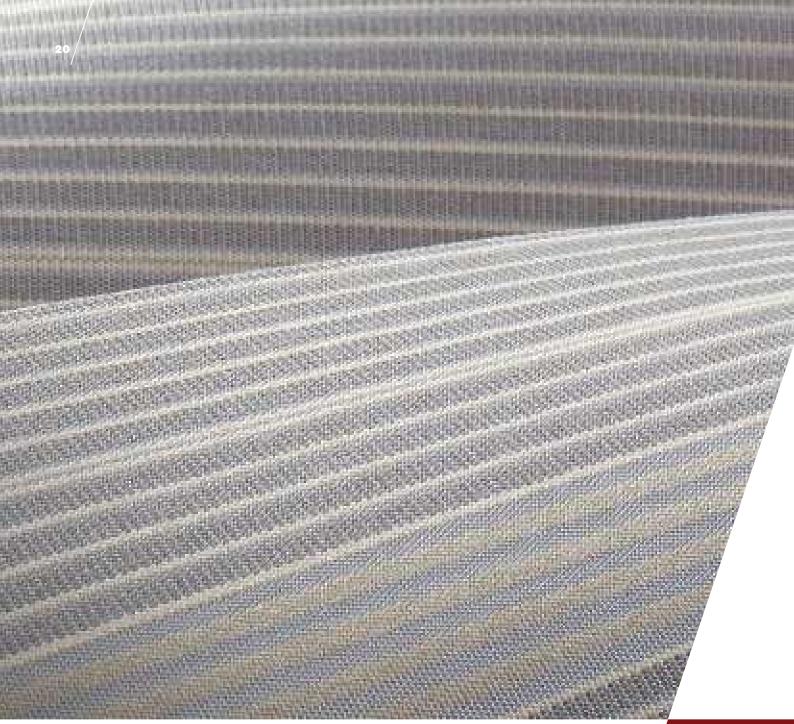


Glare control ensures optimal visual conditions in the interior or on a working surface with solar radiation. The values range from 0 to 4. For computer workstations, the value of 2 is ideal. The value of 4 darkens the room. Lighter fabrics with the same classification let more light into the room.

Summer thermal protection



The thermal protection reduces the solar radiation and heat build-up inside the room. The classification ranges from 4 to 0. In category 4 the least heat gets inside the room. This goes primarily for awning fabrics with dark and dense colours, since they absorb or reflect more sunlight.





Lumera 3D Surface acrylic: Benefits at a glance

- Optical 3D effect
- ► Reliable UV protection
- Brilliant colours
- ► Weather-resistant and light-fast
- Dirt and water-repellent
- Particularly tear-resistant

Visibly and palpably extraordinary

Lumera 3D Surface acrylic fabric quality

Lumera 3D surface acrylic is an innovative fabric quality with outstanding technical characteristics and with completely new design options. The special feature is the 3D effect. It creates a fascinating interaction of light and shade over the whole area. This is made possible by a special combination of innovative fibres and yarns. Lumera 3D Surface acrylic is tear-resistant, light-fast and water-repellent.



Switching from smooth CBA fibres and hair-structured staple fibre yarns in warp direction achieves a visual and haptically tangible 3D effect. What's more, the Lumera 3D Surface guarantees a smoother appearance through the use of approx. 60% smooth filament fibres. This increases the fabric density once again.

Rich colours and self-cleaning effect thanks to Clean Brilliant Acrylic (CBA)

The CBA fibre is an acrylic, multifilament fibre that is particularly smooth. It is used to make a fabric with an extremely dense surface, whose brilliant colours light up more brightly and for longer as a result. In addition the fabric is extremely dirt and water-repellent with a self-cleaning effect that ensures the longevity of the fabric.

Lumera acrylic fabric: Benefits at a glance

- Reliable UV protection
- Brilliant colours
- Smoother and denser surface
- Weather-resistant and light-fast
- Highest tear resistance
- Self-cleaning effect

A true classic

Acrylic Standard fabric quality

This true classic is manufactured from 100% spinning nozzle-dyed brand acrylic fabric. That means that the colour pigments are applied during the fibre production – for permanently brilliant colours. The awning fabrics, proven many times over, are particularly robust, long-lasting and reliably protect you from UV radiation on sunny days. Thanks to their colour intensity, they ensure a pleasantly bright climate of well-being on your patio or balcony.

Long-lasting and dazzlingly beautiful

Lumera acrylic fabric quality

The innovative Lumera acrylic fabric consists of a special CBA fibre (Clean Brilliant Acrylic), with which colours turn out richer and more radiant and the fabric's luminance increases. Thanks to the practical self-cleaning effect, dirt and water simply bead up and run off the light-fast fabric. This means that you can enjoy your sun shading system for a long time.

Standard acrylic fabric: Benefits at a glance

- Reliable UV protection
- Brilliant colours
- Weather-resistant and light-fast
- Particularly tear-resistant
- Dirt and water-repellent

Sun & Light

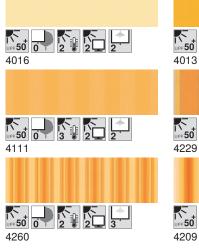
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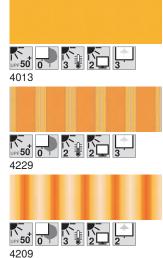
Lumera 3D Surface acrylic fabric



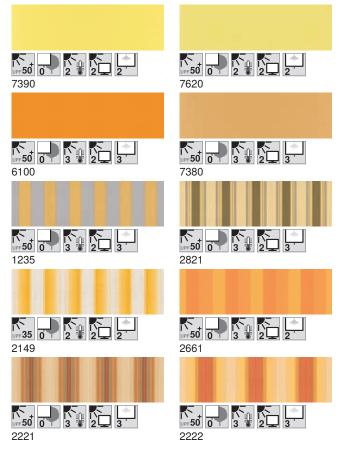


Lumera acrylic fabric





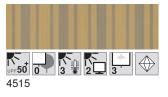
Standard acrylic fabric



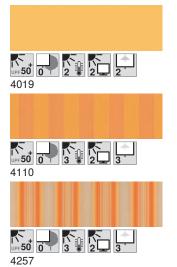


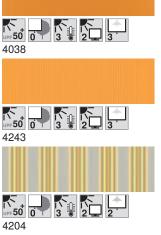


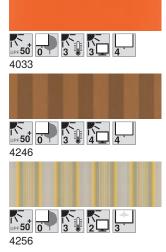


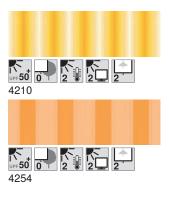














Fire & Warmth

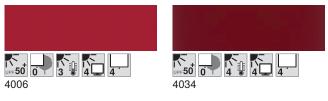
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Lumera 3D Surface acrylic fabric



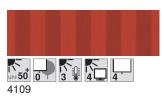


Lumera acrylic fabric

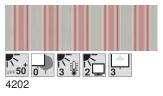


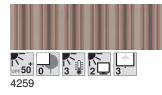
Standard acrylic fabric



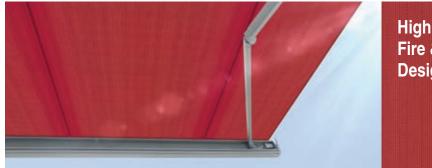








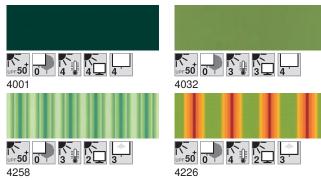




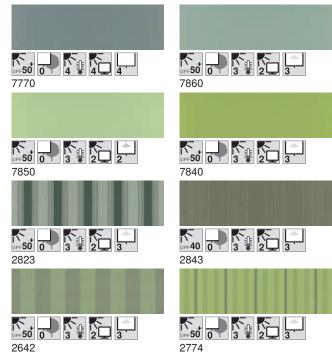
Highlight colour Fire & Warmth Design 4511

Leaves & Meadows

Lumera acrylic fabric



Standard acrylic fabric



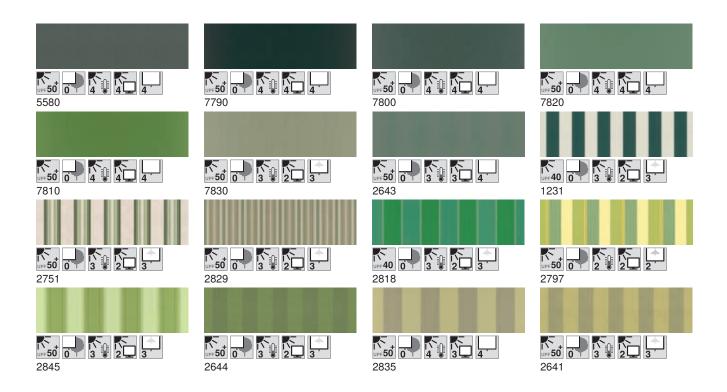
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Highlight colour Leaves & Meadows Design 4020

Water & Air

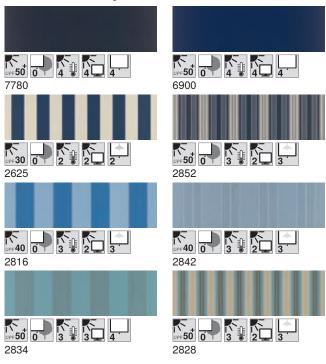
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Lumera acrylic fabric





Standard acrylic fabric

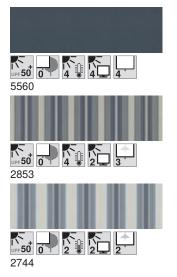


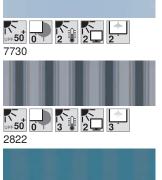








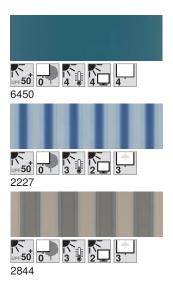














Highlight colour Water & Air Design 2816

Sand & Earth

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Lumera 3D Surface acrylic fabric





Lumera acrylic fabric

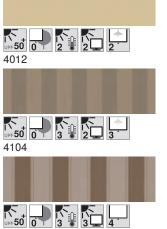


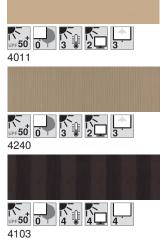
Standard acrylic fabric

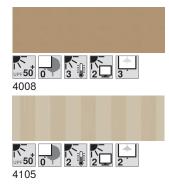


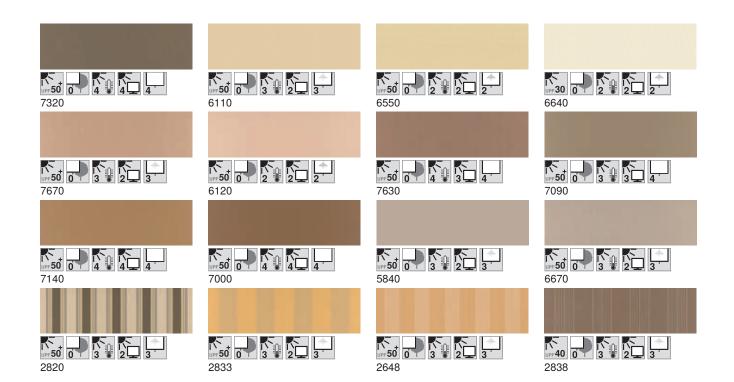








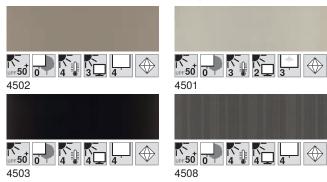




Stone & Mist

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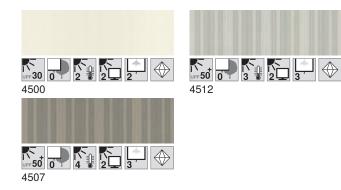
Lumera 3D Surface acrylic fabric

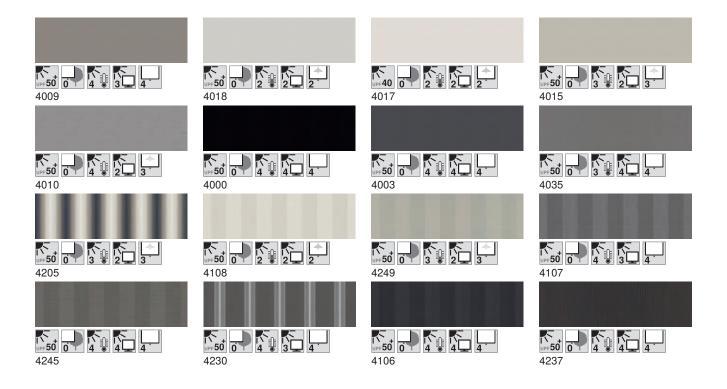


Lumera acrylic fabric



4251







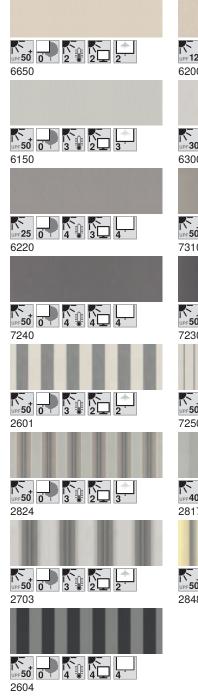


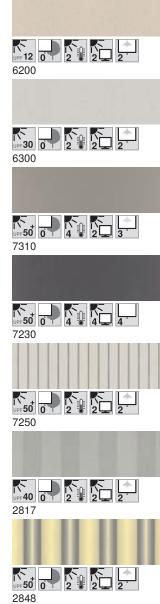
Standard acrylic fabric





Highlight colour Stone & Mist Design 4010





Stone & Mist



Combination meets function

Vertical shading solutions

It's not only the sun shading from above with an awning that plays an important role in shading; you should also take protection in the vertical area into account. Here WAREMA can offer you both attractive and functional solutions, such as additional valance roller blinds or vertically attached window awnings.



Additional protection against low-lying sun

Vertical sun shading on the patio provides you with additional protection when the sun is low in the afternoon. With a valance roller blind integrated into the awning or a window awning on the sides of the patio frame, you can variably adjust the sun shading system to the position of the sun and attain the optimum protection.

Protection against wind

If you also want to enjoy your patio and the fresh air on windy days, the vertical weather protection is the perfect solution. With a motor drive you can conveniently lower it and – as soon as the wind drops – very quickly and easily raise it again.

Visual privacy from prying eyes

Do you want to have time for yourself every now and then or to enjoy the patio with family and friends undisturbed? An additional all-round protection on the sides of your patio will guard you against prying eyes and secure the private sphere for you.

Our recommendation for the vertical shading

An awning fabric for vertical shading must fulfil requirements that are different to the main fabric of your awning. We can recommend certain fabric qualities to you that will fulfil all your requirements regarding visual privacy, sun shading and wind protection. You can find out more about them on the following pages.





Fabric combinations and production methods

The fabric for your vertical shading system must not only match the awning fabric perfectly in terms of the colour; it also primarily has to impress functionally in every respect. That is why we recommend selected fabric qualities for the vertical shading system, which on the one hand provide perfect protection, but on the other allow a good view out. The ideal fabric qualities are those that can be processed especially easily in the vertical design – they ensure an ideal fabric behaviour and visual appearance. Contact your WAREMA dealer for competent advice on this.

Vertical shading systems 41



Perfora acrylic

The stylishly elegant Perfora acrylic awning fabric offers the perfect solution for your valance roller blind. The specialised perforation in the fabric provides an outstanding combination of sun shading and a view outside. Enjoy the view of green spaces with a maximum private sphere – also incidentally for window awnings.

Screen

With the Screen fabric, you get an awning fabric that has a high degree of transparency with sun shading and glare control at the same time. Screen fabrics consist of PVCcoated glass-fibre yarns to this end. These ensure high form stability, are resistant to UV rays and prevent deformation due to the effect of heat. Multi-coloured designs with unusual colour accents are also available.



Twilight Pearl

The Twilight Pearl fabric available in many popular trend colours combines perfect visual privacy, glare control and sun shading with a very good view outside. Experience a true multi-tasker with Twilight Pearl.

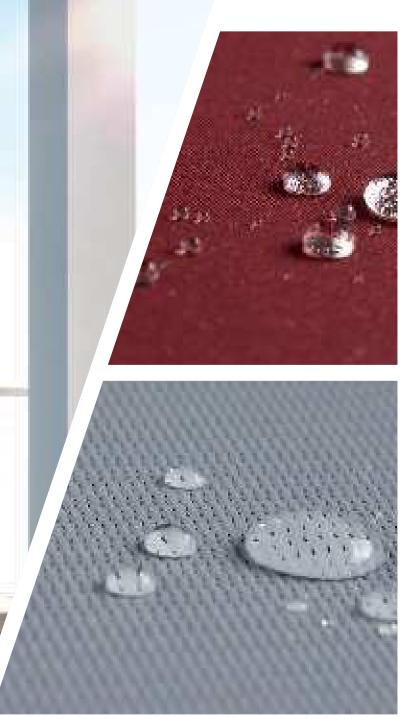


We won't leave you standing in the rain

Weather-resistant fabrics

Do you want not just a perfect sun shading system, but also to be able continue enjoying your time outdoors when the weather changes? WAREMA provides you with weather-resistant fabric qualities for your awning for the perfect 2-in-1 solution. These fabrics are especially resistant and provide additional protection against wind and weather. And they are available in many colours and designs – you can find an overview on the following page.





For light rain: All Weather acrylic fabric

Well protected against sun and rain: The All Weather acrylic high-grade awning fabric offers you sun shading thanks to its specialised coating, as well as the perfect temporary weather protection. This means that you can continue your day on the patio without complaints even when a mild summer rain shower occurs.

100% rain protection: Sunworker Cristal

The added boost to protection: Our Sunworker Cristal high-tech fabric is 100% water-proof and thus combines reliable rain protection with optimum sun shading. The special feature: The film membrane may be water-proof, but it is highly transparent. This means that you get pleasant light conditions under your awning even on overcast days.



Waterproofness / rainfastness

Our sun shading fabrics are impregnated with a water-repellent finish, and with good care and an inclination angle of at least 14°, they keep out rain during short, light amounts of rainfall. During longer periods and/or periods of heavy rainfall, the awning must remain closed or rolled up to avoid damage. If the fabric has become wet, the awning must be extended once again to avoid the formation of spot mould.



All Weather acrylic fabric

The coated awning fabric with weather protection in cases of light or brief rainfall.

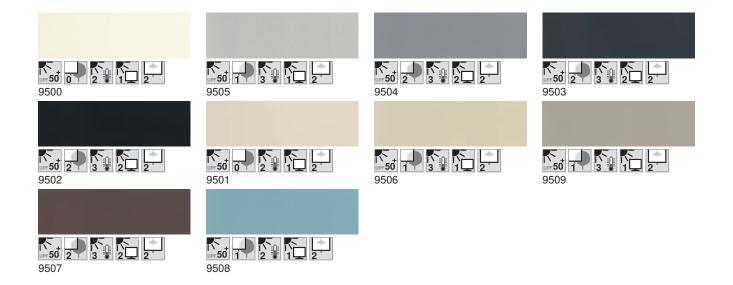






Sunworker Cristal

The water-proof awning fabric with 100% rain protection and transparent fabric.



Long-lasting joy from your awning guaranteed

Your choice of WAREMA will be rewarded with a pleasant awning that lasts. That's because our high-grade awning fabrics have an impregnation that ensures that the fabrics almost clean themselves.

The impregnation means that slight soiling and fine dust does not penetrate into the fabric, but instead stays on the surface. The next time there is a light summer rain, the dust is flushed off the fabric with the water-repellent effect. Please remember: a wet awning fabric must be extended after it has stopped raining to allow it to dry.

If special environmental influences soil the awning more heavily, you can find simple and effective maintenance and cleaning tips on our website: www.warema.com

Tip: new fabric, instead of new awning

With WAREMA, you have chosen an awning with high quality and long, reliable durability. But what happens you no longer like the design in the future? Or if it does not match the renovated architecture of the patio and home any more? No problem: Simply replace the awning fabric. It is efficient and environmentally friendly. WAREMA is an investment for life with a replacement guarantee.





BRICHBAG – sustainable, social and chic

Sustainable production can be surprisingly innovative. As proven by the close cooperation between WAREMA and BRICHBAG. Textile off-cuts from awning fabrics are made into attractive bags and rucksacks. Each BRICHBAG bought also helps produce a rucksack for the homeless, filled with useful items for living rough on the streets. And so sustainability meets social commitment. It doesn't get better than this. Every BRICHBAG is a unique item, get yours: www.warema.de/brichbag

Discover SunLight Management!

You can find out even more about solutions and product highlights from WAREMA in our other brochures. Simply download or request them at www.warema.de/prospekte.









100

Advice brochure Outdoor Living

Perea Pergola awnings highlights



Climara conservatory awnings highlights



For further information, please contact your WAREMA specialist dealer:



Visit us online.

WAREMA International GmbH Nordring 2 • 97828 Marktheidenfeld • Germany www.warema.com • info@warema.com

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