

# MATERIALS

## DIFFERENCE YOU CAN SEE AND FEEL

Our furniture combines timeless design with outstanding quality, ensuring long-lasting enjoyment in outdoor areas. Whether aluminum, stainless steel, Dekton or exclusive fabrics – every material is carefully selected so that our furniture not only looks good, but also withstands the daily demands of outdoor use for many years to come. Almost all of our products are tested in accordance with DIN standards EN 581-1 and EN 581-2 and meet the requirements of the Product Safety Act for furniture. The tests are carried out by the internationally recognised SGS Institute – for tested quality and your safety.

### STAINLESS STEEL

This high-quality chrome-nickel steel alloy stands out for its exceptional resistance to corrosion. The high chromium content (from approx. 12 %) reacts with oxygen in the air to form an ultra-thin, invisible passive layer. This oxide layer reliably protects the steel from external influences. Stainless steel is renowned for being particularly weather-resistant, hygienic, dimensionally stable, and low-maintenance – making it ideal for durable outdoor furniture. Light dirt can be easily removed; for long-lasting protection and to maintain its shine, we recommend using our stainless steel cleaner. For our stainless steel furniture, we use V2A steel of grade 304, which is characterised by its robustness, durability and resistance.

### ALUMINUM

Aluminum offers high stability despite its low weight. It is also easy to maintain, weather-resistant, heat-resistant, rust-free, and recyclable. Light soiling can be removed with a soft towel, lukewarm water, and neutral cleaning agents (pH value ~7). Our aluminum is made of 100 % pure aluminium and is powder-coated with brand-name powder from a renowned manufacturer in Austria.

### TEXTILEN

Textilen is a premium outdoor material offering absolute weather resistance, UV and colour fastness, and high tear strength. Its skin-friendly and ergonomic properties ensure excellent seating and reclining comfort. The easy-care surface can be cleaned effortlessly with water and mild soapy water – making it ideal for long-lasting, comfortable outdoor furniture. The Textilen are tested in a simulation for at least 3,000 hours of sunshine.

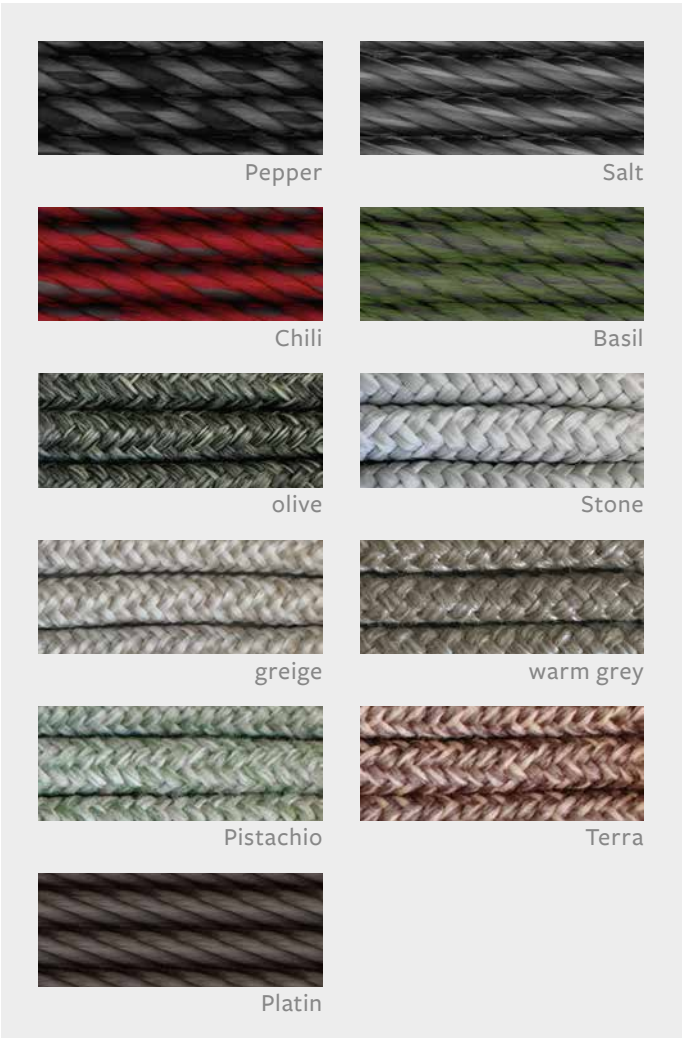
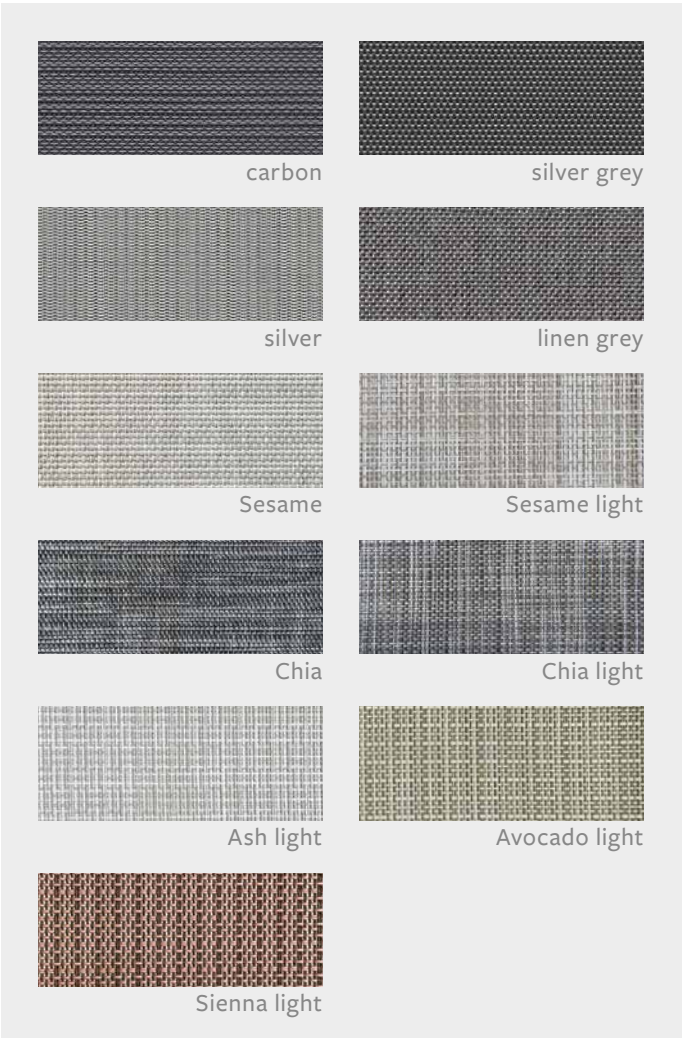
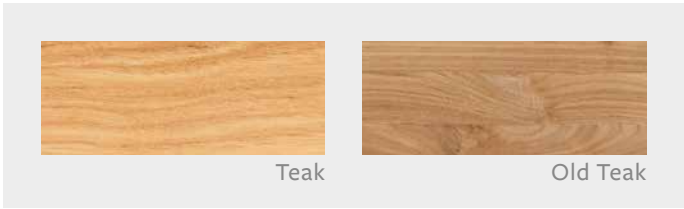
### ROPE

Our ropes are made of textilen (PVC-coated polyester fabric) and additionally sheathed in polypropylene. This material is especially durable, absorbs virtually no moisture, is lightfast, and temperature-resistant down to -10 °C. Its also tested in a simulation for at least 3,000 hours of sunshine.

We process ropes in various shapes and thicknesses – including flat or round, from approx. 4 to 10 mm in diameter. This allows us to create a wide range of visual styles and functional applications for outdoor use – with precision and purpose.

### TEAK FSC®-CERT., TEAK, OLD TEAK

Teak wood is exceptionally robust, weather-resistant, and hard. The natural oils stored in the wood protect it and ensure a very long lifespan. For cleaning and care, we recommend using the STERN Teak Cleaner and STERN Teak Protector. All the wood used in our teak furniture is either FSC-certified or imported with a FLEGT licence.



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QUALITY YOU CAN TRULY FEEL

## SILVERSTAR

Silverstar table tops are made from high-quality paper laminate layers with a thickness of 10 or 13 mm. The core consists of up to 50 resin-impregnated paper sheets, which are pressed together with decorative papers on the top and bottom under high pressure and heat. The result: an extremely durable tabletop with a distinctive black edge.

Silverstar tops are weatherproof, moisture-resistant, and water-proof. They withstand temperatures of up to 160 °C and remain dimensionally stable even under rapid temperature changes down to –20 °C. With high resistance to abrasion, impact, and scratches (depending on the décor), along with UV stability and easy care, Silverstar is the ideal surface for outdoor use.

## DEKTON

Dekton is composed of 20 natural minerals. Through an innovative technological process, Dekton replicates in just a few hours what takes nature thousands of years. Compressed with 25,000 tons of pressure, the material is extremely dense and meets the highest standards. An additional fibreglass reinforcement ensures exceptional stability – turning your tabletop into an exclusive piece of outdoor furniture. Thanks to its nearly non-porous surface, Dekton is highly resistant and easy to maintain. For cleaning, we recommend using water and a neutral cleaning agent.

## WICKER

The synthetic weave made of polyethylene combines all the essential qualities for outdoor use: it is weather-resistant, UV-stable, cold-resistant down to –15 °C, shape-retaining, low-maintenance, and 100% recyclable.

Woven furniture pieces are handcrafted originals – slight variations in appearance and colour, for example due to different production batches, are characteristic and highlight their uniqueness.

The easy-care surface can be cleaned effortlessly with water and mild soapy solution.

## POLYESTER

Our protective covers are made of durable polyester (160 g/m²) with a PU coating. They offer a lightfastness rating of approx. 5–6. The material is water- and dirt-repellent, breathable, and features a water column of 800 mm² – making it ideal for protecting your furniture from rain, dust, and environmental elements.





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## FABRICS – WHEN DESIGN DELIGHTS BOTH EYE AND TOUCH

Our fabrics, made from 100 % solution-dyed acrylic, are specially designed for long-term outdoor use. Depending on the area of application, our fabrics vary between 280 g/sqm for universal cushions and up to 735 g/sqm for high-quality dining and lounge cushions. This wool-like synthetic fibre is particularly shape-retaining, pleasant to the touch, and perfectly suited for outdoor environments: it absorbs very little moisture, dries quickly, and is exceptionally easy to care for.

Thanks to an additional coating, the fabric is dirt- and water-repellent, resistant to mould, and highly stain-resistant. Rainwater reliably beads off the surface.

A standout quality feature is its high lightfastness rating of 7 – 8, ensuring vibrant colours that last – even under intense sunlight. We also offer a five-year guarantee\* on the lightfastness of our fabrics.

Our acrylic fabrics are manufactured in Europe under the strictest quality controls. The result: a high-grade, functional textile that is not only durable but also exceptionally comfortable – offering excellent seating and reclining comfort for outdoor living.



\* Please note the warranty conditions on our website

