

# External Solar Shading

Energy efficient solar protection



*Luxaflex*®

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**External solar protection is an essential aspect of the design, construction and renovation of buildings and can have a significant impact on energy efficiency as well as the health and wellbeing of residents.**

**1** **Energy Efficiency:** External solar protection helps to reduce the amount of heat that enters a building, which can help to lower energy consumption for air conditioning and cooling.

**2** **Comfort:** By reducing heat and glare, external solar protection can improve the comfort of a building's interior, making it a more pleasant place to live or work.

**3** **Health:** Excessive exposure to solar radiation can cause discomfort and health problems such as eye strain and skin damage. External solar protection helps to reduce these risks and improve the health and wellbeing of building occupants.

**4** **Protection of Furnishings:** External solar solutions can help to protect the interior of a building from fading and damage caused by exposure to the sun.

**5** **Cost Savings:** By reducing energy consumption and also helping to protect furnishings, external solar protection can result in significant cost savings for building owners and occupants.

**6** **Solar heat reduction:** Adding an energy efficient Awning or external screen reduces the amount of solar heat entering your home by up to 96%.



Without any window covering 61% of solar heat is transmitted into the interior.



With an internal blind fitted, 37% of solar heat is transmitted into the interior.



With an Awning fitted as little as 10% of solar heat is transmitted into the interior. With an external Screen this figure can be as low as 4%



## AWNINGS & SCREENS

Luxaflex® Awnings and Screens can be an effective way to reduce solar heat gain and protect against harmful UV rays.

Whether you're looking to improve your home's comfort, save money, or add some style to your property, Luxaflex® Awnings and Screens are a great option to consider.





## Extend your outdoor living

Our stunning collection of Awnings will help you create an oasis of calm that suits you and your family's needs, making your garden feel like an extension of your home.

There's nothing to stop you having a full Sunday dinner on your patio, elevenses by the pool or breakfast on the veranda! Our incredible range of Awnings mean you can experience alfresco dining in shade, shelter and comfort.

The advanced fabric technology helps protect the fabrics colour so it won't fade and contains a UV treatment to assist in blocking out the sun when you're enjoying time outside.

Our Electric Awning options range from systems which extend and retract the arms, operate LED lighting within the arms as well as heating options - creating fully customisable solutions for you and your home.

# Bring style to your outdoors with Luxaflex® Awnings

From protecting small balconies and plants to expansive styles that offer poolside protection, we can help you find the exact Awning to fit your requirements.

The range includes sleek modern styles to models for extra-large patios and traditional looks too. Whatever your patio size, design requirement, or budget, you'll find a perfect Awning in our range.

At Luxaflex® we pride ourselves on ensuring all of our products give you peace of mind as well as pleasure. Our on-site visits from our highly experienced dealers will ensure the perfect Awning design for your property.







## DESIGN OPTIONS

Whether you're looking to create bold contrasts or two-tones harmonies, our Dickson® fabrics range offer infinite possibilities to make Awnings play a pivotal role in your outdoor decorating and design.

Thanks to their unique coating, these fabrics are water resistant and protect Awnings from the elements by preventing water and dirt penetration.

## COLOURS THAT LAST

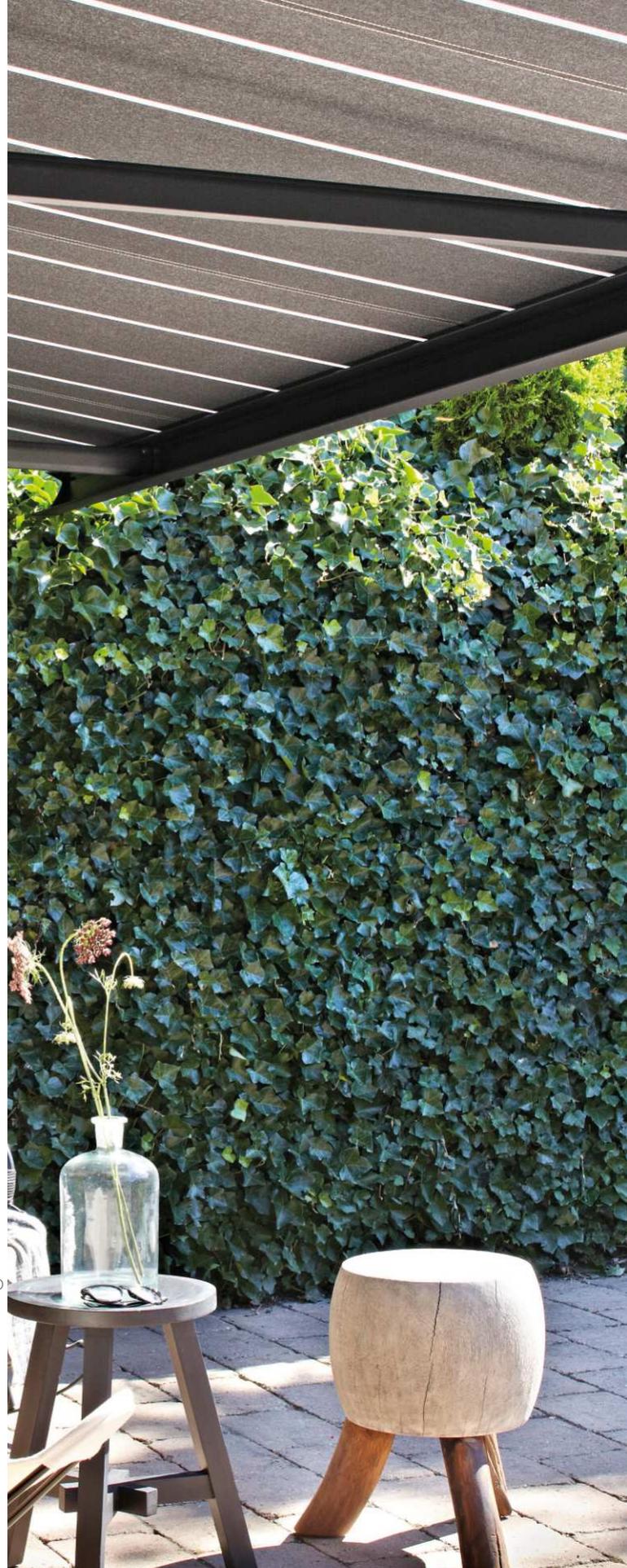
The solution-dyed yarn used to produce our fabrics offers long-lasting resistance to UV rays and weather conditions. Even when exposed to strong sunlight, they retain their dazzling colours... for a very long time.

## TEXTILES THAT PROTECT PEOPLE AND THE PLANET

Awarded the OEKO-TEX label (class II, products in direct contact with the skin), Dickson fabrics are produced without hazardous substances and do not pose a threat to health, the skin or the environment.

## 10-YEAR FABRIC WARRANTY

Its high-performance fibres, treatments and weaving processes allow Dickson® to guarantee some of its fabrics for up to 10 years.



## Awnings with Heating & Lighting

Why end the fun early?

With the Formosa Max and Formosa Max with extra valance LED lights can be fitted into the arms. The benefit of lighting extends your day into the late evening making your patio a truly useful outdoor living room.

And for extra comfort and cosiness, add an all-weather heater that extends the season to spring, summer, autumn, and maybe even winter.







## Luxaflex® External Screens

External screens can help reflect and block out 30-80% of UV rays. They prevent your interior from overheating with the additional benefit of energy-saving as there is less reliance on cooling systems such as air conditioning and fans.

Your home's interiors can benefit from UV protection to shield furniture, materials, and flooring from sun damage.

Screens come in a variety of styles, colours, and materials, so you can choose a perfect solution that compliments the look of your home.

They are designed to enhance your privacy and control the amount of light coming into a room.

Our exclusive fabric technology protects the fabric colour so it won't fade and contains a UV treatment to assist in blocking out the sun when you're enjoying time outside.



## RS CLASSIC

Luxaflex® Screens are available in two systems.

The RS Classic screen system is distinguished by a box with side guide rails, integrated with a PVC or fiberglass fabric, which is durable and resistant to weather conditions such as gusty wind, hail or rain.

Additionally, thanks to the properties of the fabrics, they guarantee optical comfort inside the building.

We offer a range of shapes and colours of boxes and guide rails, as well as a wide range of fabric colours to optimally adapt to the building façade. Speak with your local Luxaflex® Dealer to explore the range





## RS SMART

Thanks to the innovative design of the RS Smart Screen, the system allows you to hide the bottom strip in the box allowing more light in, when fully opened.

A box with side guides, integrated with a fabric made of fiberglass and PVC, which is durable and resistant to weather conditions.

The RS Smart is available in 3 variations: Smart 85 is a compact model that takes up the least space in the window. RS Smart 100 is a universal model, while RS Smart 130 can be used for very large areas - up to 6.0 m x 5.0 m.



## EXTERNAL SCREEN FABRICS

Our exciting range of External screen fabrics come in a vast array of colour options and fabric styles.

The exclusive fabric technology protects the fabric colour so it won't fade and it's perfectly engineered construction ensures it contains a UV treatment to assist in blocking out the sun protecting you and your homes interior.

# Live your life to the full while enjoying fresh air and the sun.

With increased emphasis on outdoor entertaining, pergolas are a garden trend on the rise!

They turn practically any outdoor space into a ready-made retreat area. Perfect for al fresco dining, garden soirées and relaxing in the sun or shade during the day and evening.

A Luxaflex® Pergola not only allows you to create a unique outdoor space to protect from the sun – but an entire living space that is functional all year round, increasing the amount of time you can spend outside.

The unique design of a Pergola allows you to control light with the stylish louvred roof for optimum light control.





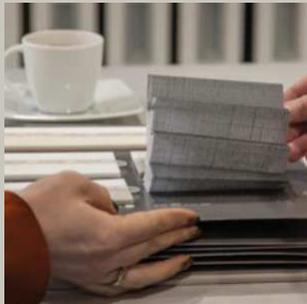
At Luxaflex® our window treatments start with great design. Light control, energy efficiency, and the convenience of motorisation are just some of the innovations that enhance the beauty of every room, every day – made to measure with a five-year guarantee.

## The Art of Window Styling

Find your local Luxaflex® showroom at [luxaflex.co.uk](http://luxaflex.co.uk)

### Let's talk

Together with our local expert, you can look at inspiration for your room and get to know the products and materials you like.



### Home consultation

Your local expert measures your dimensions, assesses your lighting, and makes sure everything is perfectly designed for your home.



### Craftsmanship guaranteed

Your bespoke product will be handmade with care and attention to detail by our skilled craftsmen.



### Seamless installation

Relax and let Luxaflex® professionals do what they do best, knowing you're covered under our 5 year guarantee.

