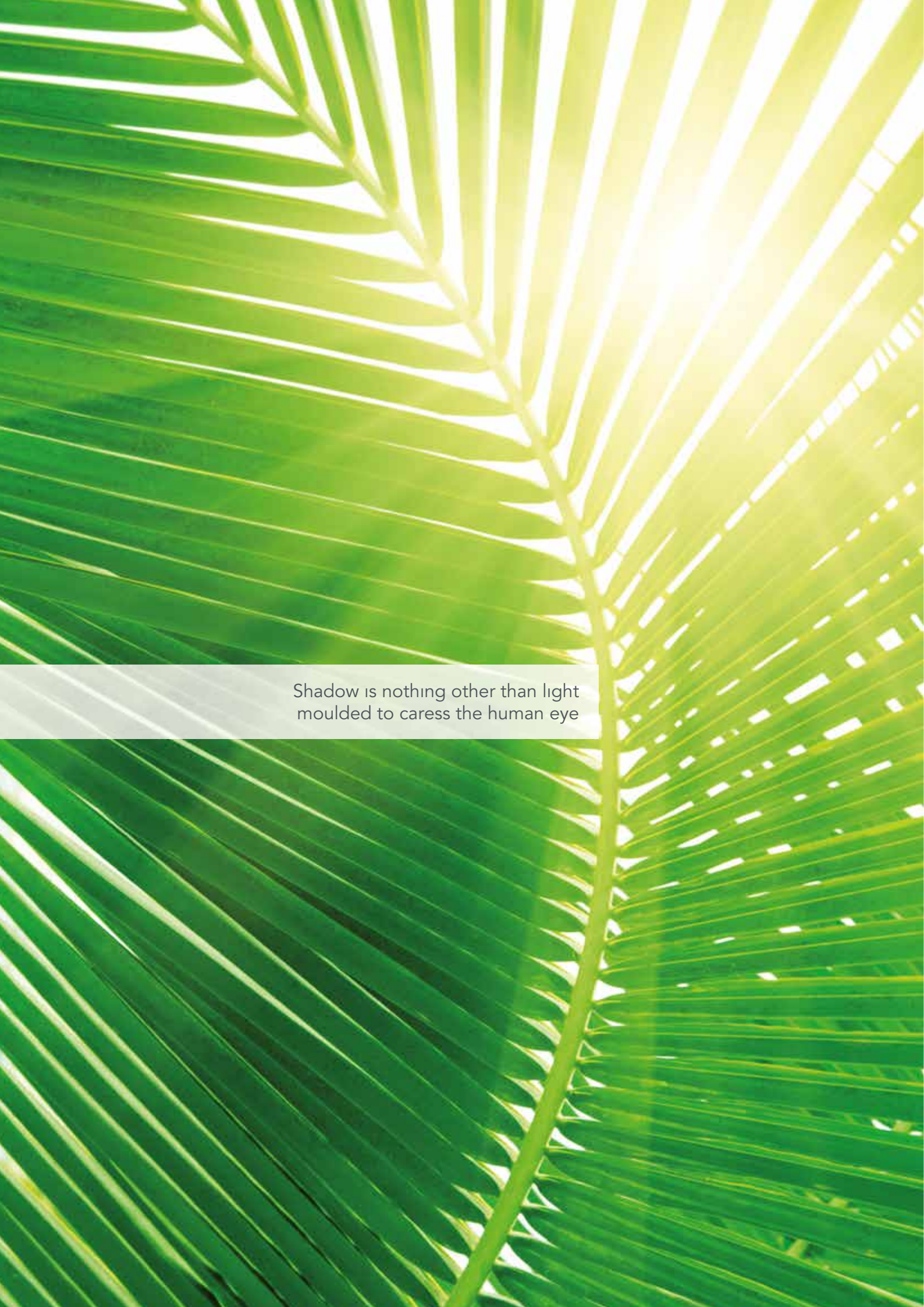


Brise-soleil
Sunscreen grids
Blind shades

uni_shade

shading systems
in XPS and aluminum material



Shadow is nothing other than light
moulded to caress the human eye

uni_shade, the shading systems

The need to screen the direct impact of sunlight on windows to reduce energy consumption and cool premises in the summer, has led Uniform to research and develop the innovative "uni_shade" shading systems.

A complete range of sunscreen grids, brise-soleil and blind shades capable of combining technology, comfort and energy savings.

The entire uni_shade production was designed to reduce maintenance to a minimum, thanks to the aluminium structure and the screen surfaces, developed with materials that ensure they will last over time and are highly resistant to harmful atmospheric agents.



the uni_shade materials: XPS, aluminium

XPS, dense, extruded Polystyrene, is perfect due to its high thermal insulation properties. Furthermore, it is an ideal choice since the slats do not need any type of maintenance thanks to their high inherent durability and water resistance.

Instead, the support structure is built in **aluminium** due to its strength and the fact this material will not deform, ensuring effective protection over time and in a wide range of RAL colours.



uni_shade: modulation for light and energy savings

The shading system of a home must guarantee:

- effective protection from sunlight
- limited heat transmission within the home
- dimensional stability without twisting or deformities
- minimum maintenance
- a fast and precise installation system





Brise-soleil



The brise-soleil have fixed slats measuring 70x17mm. The standard inclination of the slats is 30° however, on request, it can vary based on the latitude of the installation location, or as specified by the architect.



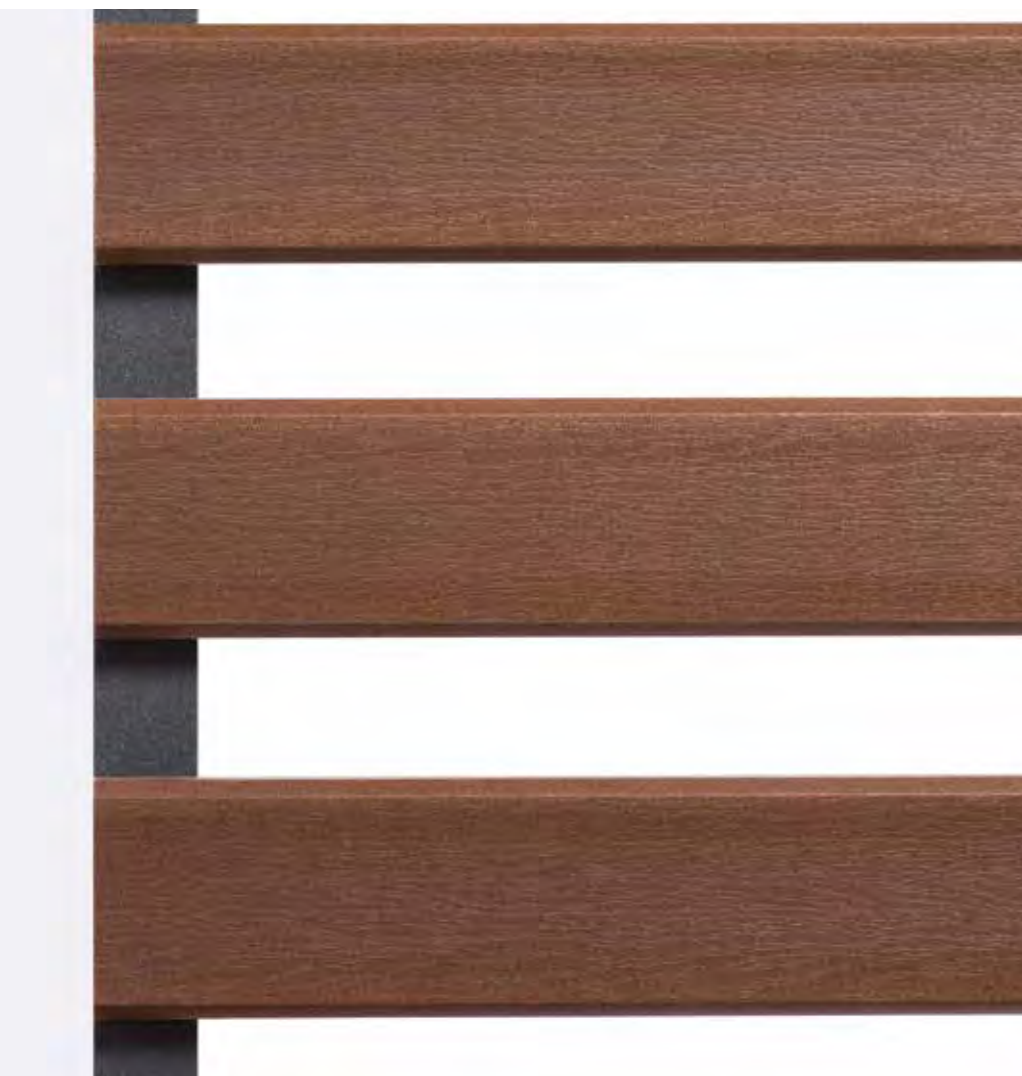
assembly detail/slat dismantling



Brise-soleil - SDF
outdoor view



Sunscreen grids



The sunscreen grids have fixed slats measuring 70x17mm in the version with XPS material. The standard pitch between the slats is 120mm however, on request, this pitch can vary as specified by the architect.



Grid with visible frame - SDG



Grid with hidden frame - SDH



Fixed side slats
Grid with visible frame



Fixed rear slats
Grid with hidden frame



Aluminium-XPS blind shade



Blind Shade - SDC

uni_shade is a new type of external blind shade that offers the benefit of a long lasting solar protection in aluminium, combined with modern, functional styling, energy efficiency and the benefit of slats in XPS.

The shutter on the uni_shades offers the highest thermal insulation available today, thanks to the XPS slats. In summer, the closed shutters greatly reduce the heat transmitted to the window glass, enabling a comfortable temperature to be maintained without the need for further cooling.

The XPS slats insulate against outdoor heat and avoid overheating internally, caused by sunlight reaching the glass.





Aluminium finishes

The aluminium structure requires only minimal maintenance and provides a robust frame, allowing the designer freedom of expression in a vast range of colours.

Uniform's state-of-the-art powder coating plant is very fast in switching from one finish to the next, and its automation allows coating of 6 meters long profiles together with pre-assembled frames at the same time.

Factory pre-finishing takes place as follows:

- Pre-treatment immersion cycle using chrome-free products with a closed cycle.
- Powder-coating cycle with furnace based polymerisation.

The entire process is carried out according to the European Qualicoat quality standard.

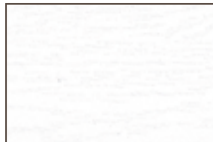
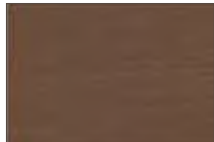
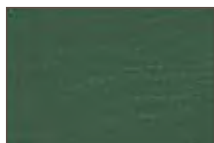
The colours and outdoor finishes range is displayed in an elegant case containing:

- RAL FINISHES
- OXIPULVER - OXIDISED
- WOOD and METAL GRAIN
- SPECIAL FINISHES



Detail of XPS slats

XPS Finishes

		
000 - pure white	014 - dark oak	013 - medium oak
		
024 - light oak	016 - dark green	015 - sage green
		
017 - light grey	026 - dark blue	020 - sky blue
		
018 - lavender	021 - raspberry red	

The colours shown in this brochure are for purely indicative purposes



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