

SOLAR  
PROTECTION  
WITH TRESPA  
SUNBLINDS

# AESTHETIC FREEDOM FOR ENERGY EFFICIENCY

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Solar protection solutions are becoming increasingly more relevant in the conceptual and design phases of new and rehabilitated buildings and are essential for regulating thermal and lighting comfort levels.

For over 55 years, Trespa has been using its experience to provide designers, builders and homeowners with solutions on the design and execution of durable façade solutions.

When designing a building and/or undertaking renovation work, both the treatment of energy comfort levels for users and the building energy saving effects are key considerations. These require us to create solar protection solutions that combine efficacy, functionality and aesthetics.

Solutions such as slat systems incorporate energy, economic and environmental savings for practically all types of projects. In most cases these savings are achieved by air conditioning elements thanks to their solar protection function.

There are many different positions and types of systems. Trespas® Meteon® is a perfect solution, since this material has the following principal characteristics:



*Los Molinos Building | Tenerife | Spain*



## 1 DESIGN FREEDOM

Trespas® Meteon® brings compelling aesthetics and nearly limitless design possibilities with various colours, rhythms and depths to next-generation architectural solutions.

## 2 EASY HANDLING

Trespas® Meteon® requires no treatment for edges as there is no risk of delamination.

### 3 **GUARANTEED PRODUCT QUALITY**

The entire Trespas® Meteon® range has been subjected to durability testing. This enables us to offer a 10-year worldwide limited warranty; *for details about warranty see [www.trespa.info](http://www.trespa.info).*



*Apartments | Zaragoza | Spain*

### 4 **LOW MAINTENANCE AND EASY TO CLEAN**

The closed surface of Trespas® Meteon® practically withstands dirt accumulation, keeping the product smooth and easy to clean.



*Duoc San Andres II building | Concepcion | Chile*



### 5 **SUSTAINABLE**

Fibres, most of which originate from managed forests which are recognised by the Programme for the Endorsement of Forest Certification™ (PEFC™) and the Forestry Stewardship Council™ (FSC™). These organisations encourage, among other eco-benefits, that forests are sustainably managed, taking the ecosystem and biodiversity as well as fair labour conditions into consideration.

# A VARIETY OF CHOICES



*Education Centre | Haßfurt | Germany*

## MOBILE SYSTEMS

From an energy point of view, these are the most effective solutions as they change the slat orientation angle, depending on the position of the sun during the day. These motorised solutions can be customised on a case-by-case basis.

## VERTICAL SOLUTIONS

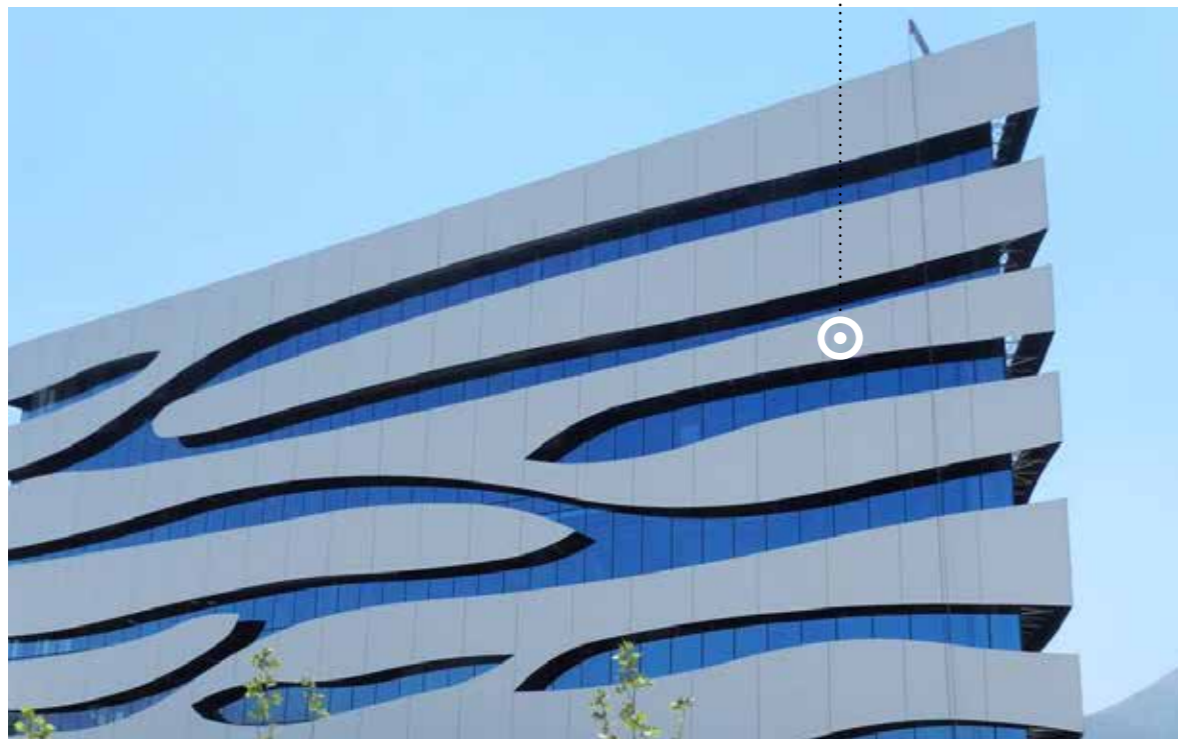
These are the result of a new look applied to buildings, using the maximum length of the slat as an expression of verticality and height.



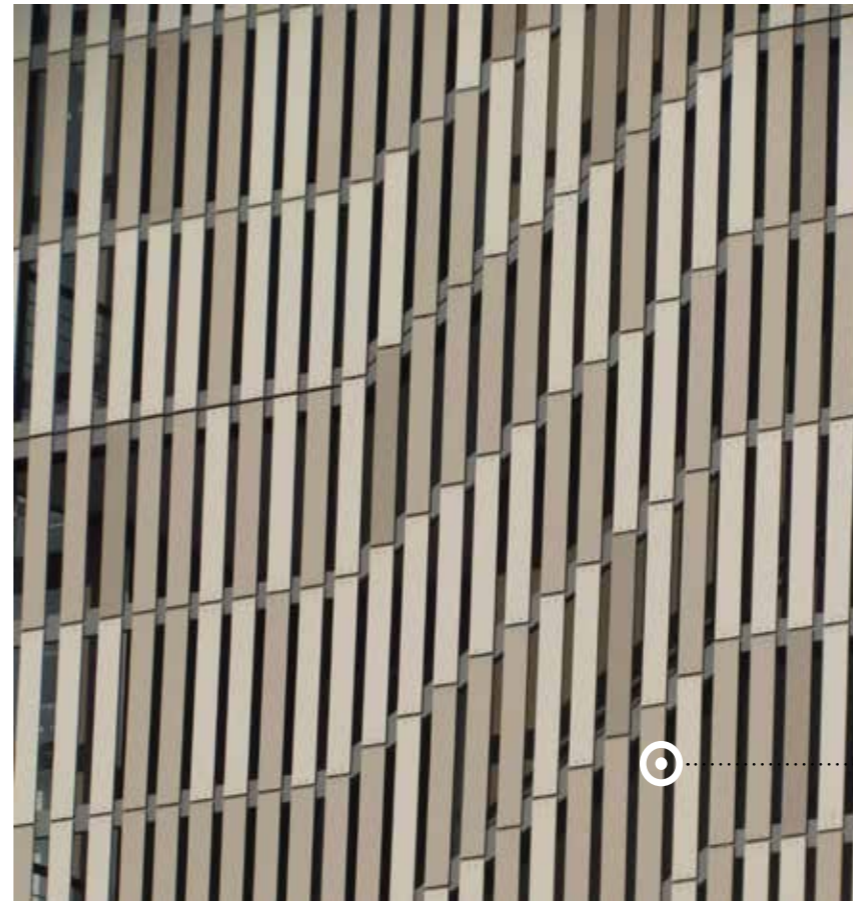
*Hotel Mod05 | Castelnova del Gardia | Italy*

## SUPERIMPOSED SOLUTIONS

These are designed with a dual aesthetic and energy comfort function, thus adding an ingenious touch during the design phase which affords the building a unique singularity.



*White Vitacura | Santiago | Chile*



*Vitra building | Santiago | Chile*

## FIXED SYSTEMS

Following a detailed study of the building's location and orientation, together with the lighting needs, these systems are simple in terms of design and application, whilst maintaining an excellent summer-winter thermal balance.



*Auditorium Josep Carreras | Vila Seca | Spain*

## HORIZONTAL SOLUTIONS

These are the most common and imitate traditional window blinds. Clearly related to more traditional aesthetic concepts, they are somewhat more effective in improving a building's energy efficiency.

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