

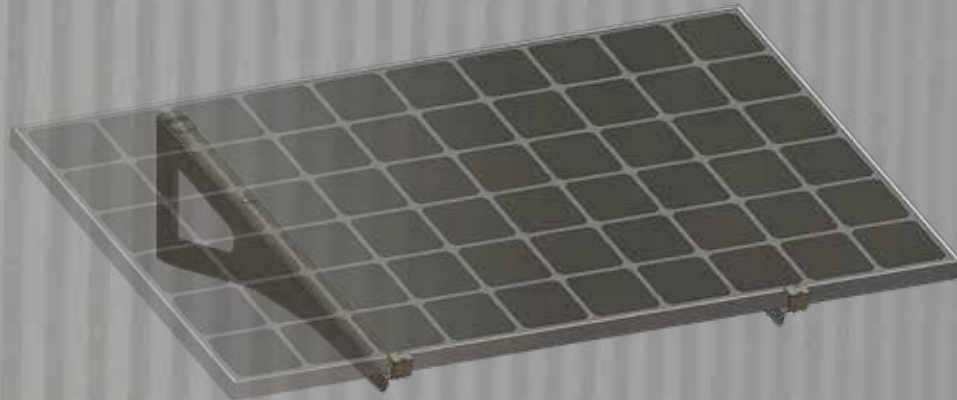
# UMBRA SOLAR PRO



OUR ROOFING SOLUTIONS

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## SUNSHADE ENERGY GENERATION AND SOLAR PROTECTION



REDUCES NEED  
FOR  
AIR CONDITIONING

ENERGY  
OPTIMISATION

LOW  
CONSUMPTION  
BUILDING SOLUTION

COMPATIBLE  
MICRO ONDULEUR

The UMBRA SOLAR Pro<sup>®</sup> is a sunshade which provides an efficient and effective protection for openings against discomfort related to solar radiation. It can be installed in commercial, industrial and residential buildings.

The sunshade UMBRA SOLAR Pro is simple and quick to install on site, and also enables a series of photovoltaic modules to be installed and aligned onto it very quickly.

The angle of 15° provides the best compromise between light and photovoltaic performance.

The clean lines of the UMBRA SOLAR Pro sunshade will enhance your projects, whether they are Positive Energy Building, Low Consumption Building or High Environmental Quality.

## TO ADJUST & DUPLICATE THE SUNSHADE LENGTH TO MATCH YOUR PROJECT



# SUNSHADE UMBRA SOLAR PRO

## Technology

There is only one support frame to be installed which can be replicated to match the size area to be protected from the sun and the photovoltaic performance to be achieved.

The support frame is supplied preassembled and ready to install.

The optimum module angle of 15° ensures the best solar protection with optimum energy efficiency irrespective of the season or the geographical zone.

It is micro-inverter compatible.

## Field of application

Sector: Residential - Commercial - Industrial - for the protection of openings (window, glazed bay, entrance hall, etc.) from solar radiation, with energy generation.



## UMBRA SOLAR PRO



Only one element with one reference number



## Compatibility

60 and 72 cells 6"framed modules<sup>(2)</sup>

## Installation

Walls

## Field of use

Snow zones: All zones up to 900 m (France only)  
Admissible loads: Upward: 2400 Pa - Downward: 4400 Pa.

Wind zones: up to zone 4 (or 28 m/s) according to the building structure<sup>(3)</sup>

## Module orientation

Landscape

## Material

Galvanised steel or painted steel

## Color

Original Galvanised steel



or Black RAL 9005



(1) Module not supplied in the UMBRA SOLAR Pro kit.

(2) Compatibility list: [www.edilians.uk](http://www.edilians.uk)

(3) more details in the instruction manual.

