



Tubular daylighting device (solar spot). Captures the sunlight from the outside through a highly transparent dome, usually installed over a flashing applied on the roof.

It is equipped with an optical device that redirects the sunlight into the interior of the super-reflective circular tube, which transmits to a surface located on the opposite position of the capturer. This phenomenon is also verified on cloudy or rainy days, whether it is summer or winter.

The super-reflective circular tube has the ability to "transport" the light for several meters. Thus, allowing to illuminate areas without any contact with the outside, significantly saving energy.

- 1 Gypsum board
Gypotec
- 2 Expanded cork agglomerate insulation
Amorim Isolamentos
- 3 Concrete structure
- 4 Rainproof, breathable membrane
- 5 Batten nailed to the structure through the insulation
- 6 Tubular daylighting device (Solar spot)
Termipol
- 7 Hollow brick masonry
Preceram
- 8 Ceramic tile
Coelho da Silva

TUBULAR DAYLIGHTING DEVICE SOLARSPOT



portal of
sustainable
construction