

**EXCLUSIVE TO**  
**HEXADOME**

# HEXASTEEL SLC TAME THE LIGHT !

> THE 1ST INTELLIGENT BRISE SOLEIL

> OPTIMISED NATURAL LIGHT

> CONTROLLED SOLAR FACTOR

> EXCELLENT THERMAL INSULATION

> MANAGED NATURAL VENTILATION

adexsi

  
**HEXADOME**  
CONFORT ET SÉCURITÉ NATURELS

# HEXASTEEL SLC

## THE INTELLIGENT BRISE SOLEIL SOLUTION

**Industrial building automation comes to your buildings**

### FEATURES

- > **Maximum luminosity** in winter or in cloudy weather: 50% light transmission
- > **Optimum sun protection** in summer: solar factor 15%
- > Available for all types of products: overhead lighting (Fix), ventilation (Air Elec) and/or smoke exhaust systems (pneumatic or electric actuators)
- > Supplied ready to fit, easy to install
- > **Intelligent brise soleil solution - an innovation on the French market**

### ADVANTAGES

- > **Reduces energy costs** due to artificial lighting
- > **Greater comfort and well-being**
- > **Improved performances in the workplace**
- > **Anticipation of heat and light needs**

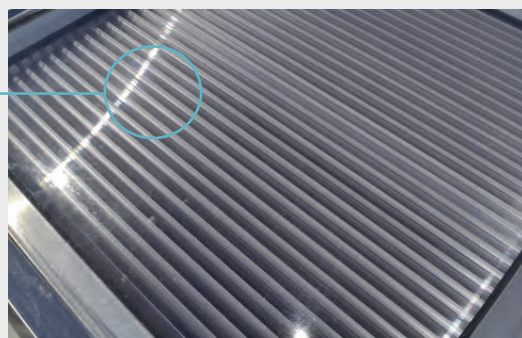
### AVAILABLE IN 2 VERSIONS

With the Storepilot Web control box, ideal for large industrial buildings

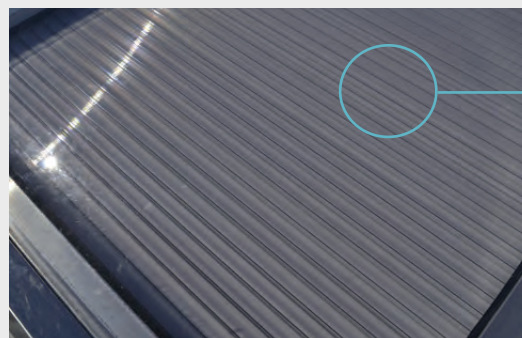
- Control and anticipation of ventilation, shading and artificial light
- Adaptation of artificial light to take account of the amount of natural light

#### Manual version

- More suited to living areas and smaller spaces requiring a high level of heat and light comfort



SEEN FROM OUTSIDE: SLATS OPEN



SEEN FROM OUTSIDE: SLATS CLOSED

**The Hexasteel SLC's slats are always in the right position at the right time, depending on the weather conditions, with or without your intervention.**



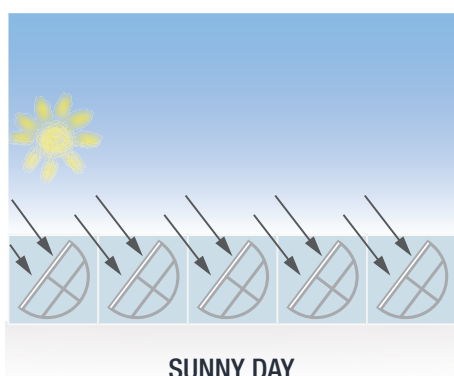
$$U_{rc} = 1,3 \text{ W/m}^2\text{K}$$



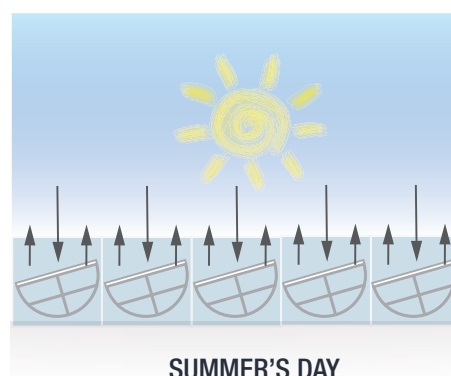
FLU for a painted Hexasteel Therm RPT Air Elec C180 H350 with Hexasteel SLC

### HOW DOES IT WORK?

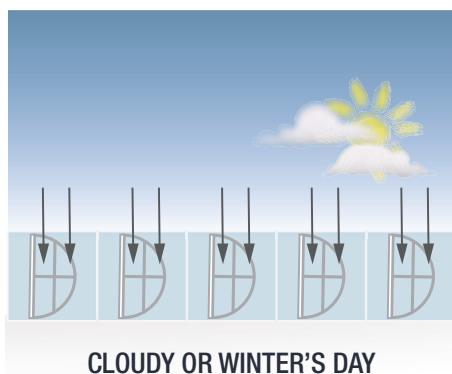
Actuated by an **integrated electric motor**, Hexasteel SLC's swivelling slats turn to stop the sun's rays and the dazzling light during high sunlight or to let through a maximum of light in wintertime.



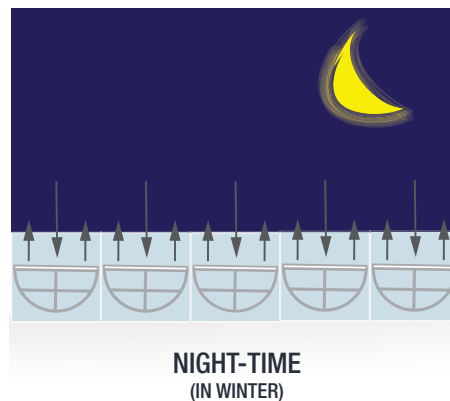
> the slats slant to achieve just the right balance between light and shade



> the slats are in position to provide maximum shade.

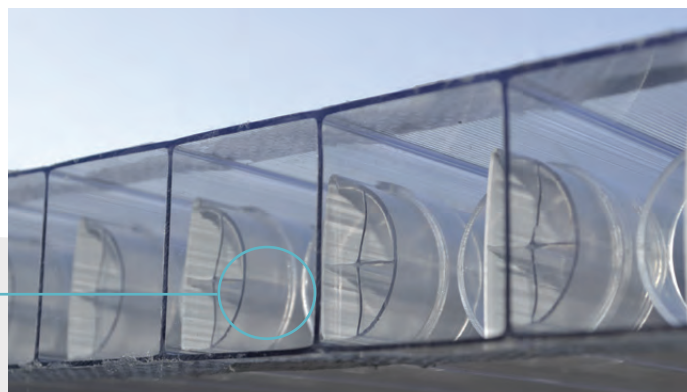


>the slats are open to let in a maximum of light.

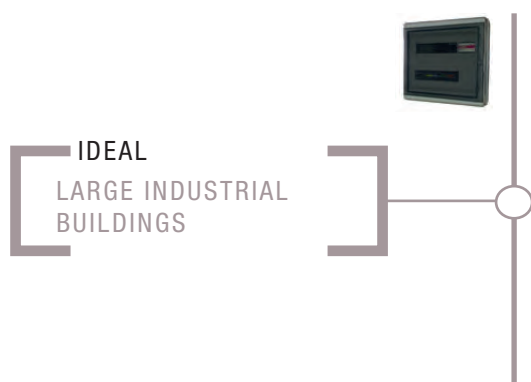


> the slats are closed to keep the heat in the building.

SWIVELLING SLATS




## AUTOMATIC CONTROL > ACTUATION



- > automated control using the Storepilot Web: anticipates the needs before the premises feel cold or hot or dazzling light penetrates inside
- > possibility of controlling several shading, ventilation and light zones
- > anticipation of the need for heat and natural light inside/outside + wind/rain sensor + local adaptation
- > regulation of artificial light/ambient light for premises equipped with dimmer systems

- > manual control using the switch: it is easy to reposition the slats quickly when necessary
- > suitable for small areas where optimal thermal and light comfort are important



 **DO YOU NEED HELP WITH SET-UP?  
CONTACT US.**

### TECHNICAL INFORMATION

- > 30 mm MWPC with a slat rotating 90° in each cell.
- > Slats actuated electrically (Storepilot Web or switch)
- > Ut (Hexasteel SLC + dome) = 1.45 W/m²K
- > Acoustic performance:  
Lia = 57 dB, Rw = 25 (-1;-4) dB
- > Fire classification: Bs1d0

### PRACTICAL

We can advise you how best to position the device to make the most of the sunlight.



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se réserve, en fonction  
des connaissances et des  
techniques, de modifier sans  
préavis la composition et les  
conditions d'utilisation de ses  
matériaux. Textes, photos et  
illustrations non contractuels.