Alux Heatstop skylights

Alux Heatstop skylights allow natural light into the interior, while reducing costs and reliance on electric lighting.

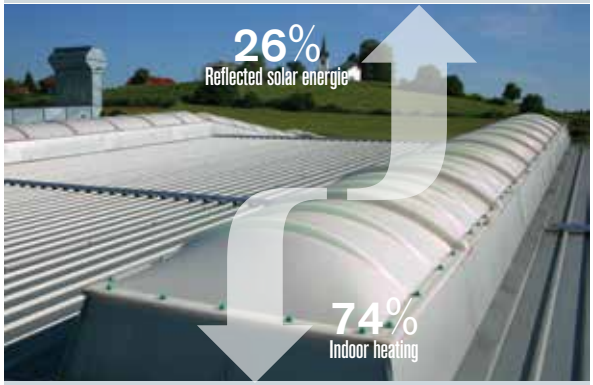
They are made from our proprietary **Aglas IRR cast acrylic sheets**. One of their special features is that they prevent the interior from overheating by keeping ambient heat out, while allowing natural light in.

Using skylights made from IRR cast acrylic sheets reduces the use of energy for cooling load and lighting. Alux Heatstop skylights are suitable for industrial and residential buildings, and are particularly useful in warmer climates.

Compared to standard skylights, the Alux Heatstop skylights can reduce the average energy costs/ cooling load of air-conditioning by as much as 43%.

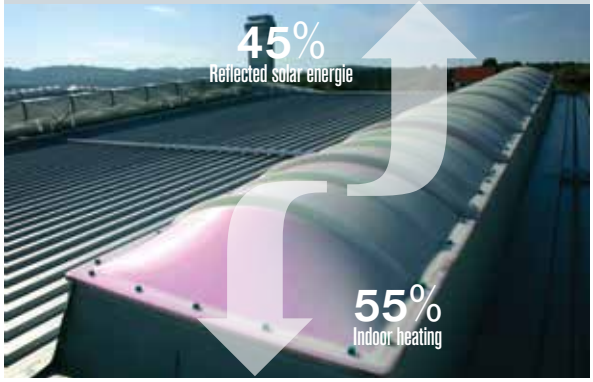
Before

Outer layer: standard acrylic sheet
Inner layer: standard acrylic sheet
Reflected solar energie: 26%
Indoor heating: 74%



After

Outer layer: Aglas IRR acrylic sheet
Inner layer: standard acrylic sheet
Reflected solar energie: 45%
Indoor heating: 55%



Reflecting the World in All Its Colors.

AKRIPOL

Features & Benefits

- Plenty of natural, evenly dispersed light
- Lower indoor temperature
- Lower energy costs
- Excellent insulation
- UV protection
- A variety of shapes and sizes
- Reflective properties are stable as they are integrated into the material itself
- Smooth and glossy surface
- Blue-purple reflection
- 10-year guarantee on the material

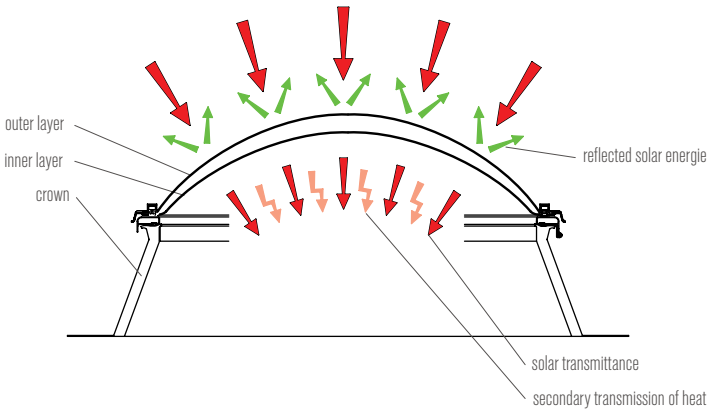
Alux Heatstop skylight types

- Sky domes
- Light bands
- Formed light panels

Uses

- Conservatories
- Bus shelters
- Covered parking lots
- Awnings
- Roof coverings
- Production halls
- Storage facilities
- Shopping centres
- Residential units
- Sports facilities
- Wellness centres
- Education centres
- Movie theatres

	IRR double-layer dome	standard double-layer dome
solar transmittance	15%	30%
reflected solar energie	45%	26,5%
secondary transmission of heat	9,3%	12,3%



Standard product offering

- Standard-size Alux domes: min K = 60 x 60 cm, max K = 200 x 300 cm
- Complete solutions: light elements, various opening systems, assembling

More info:
Akripol, d.o.o., Alux Sales
t: +386 7 34 81 634 / 635
f: +386 7 34 60 047
joze.bizjak@akripol.si
vesna.davidovic@akripol.si
www.akripol.si

EN, 01/2013