

LEXAN® CLEARLIGHT

Insulated rooflight

MR043 / 1116



JORISIDE
THE STEEL FUTURE
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Lexan® Clearlight

Insulated rooflight

The Lexan® Clearlight is an insulated roof light solution for combination with the insulated JI Roof panel.

It has the same external dimensions as the JI Roof 1000.



Lexan® Clearlight and the JI Roof 1000 insulated panel combines best of both worlds.



Lexan® Clearlight perfectly integrated with the JI Roof 1000 insulated panel.



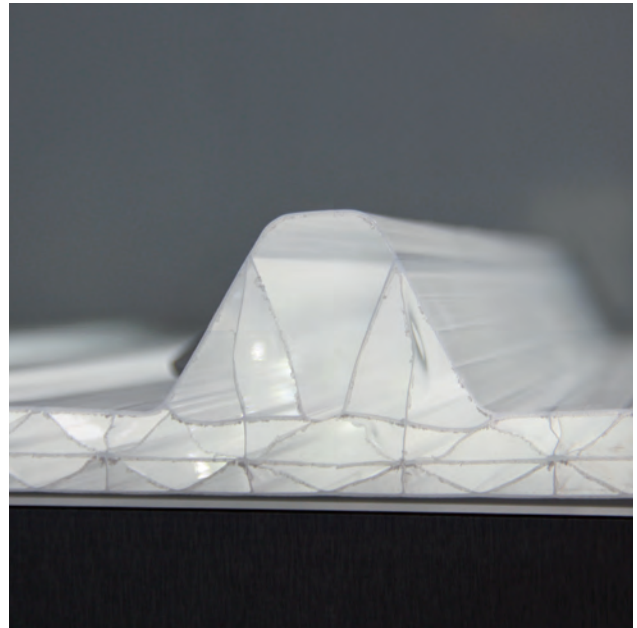
Lexan® Clearlight, the perfect product for any renovation project.



Lexan® Clearlight combined in a renovation project.



Combined use of the Lexan® Clearlight.



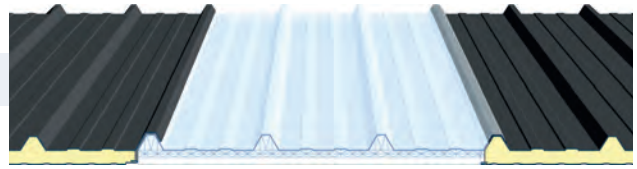
The Lexan® Clearlight is divided in small pockets for a natural insulation.



Lexan® Clearlight with cutback.

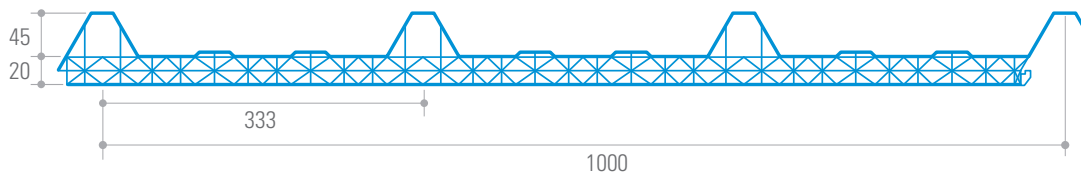
Insulated polycarbonate

Lexan® Clearlight

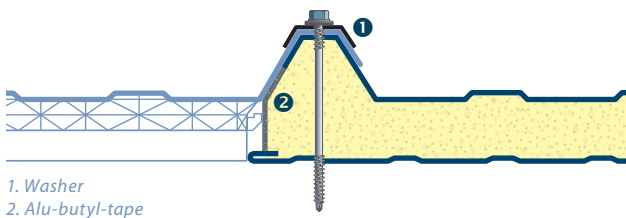


The Lexan® Clearlight is an insulated roof light solution for combination with the insulated JI Roof panel. It has the same external dimensions as the JI Roof 1000.

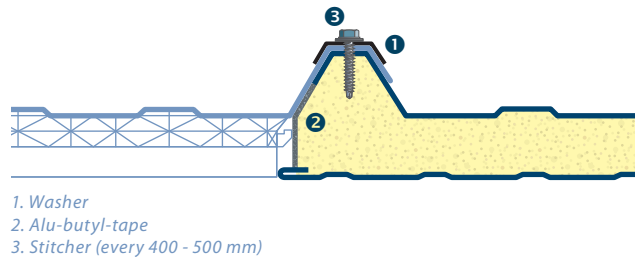
Technical information



In combination with a Plastisol HPS® or Leathergrain coating an alu-butyl tape has to be applied between the clearlight and the coating to avoid any direct contact.



1. Washer
2. Alu-butyl-tape



1. Washer
2. Alu-butyl-tape
3. Stitcher (every 400 - 500 mm)

Advantages

- Transparency: 55% according to ASTM D1003.
- Extreme resistance against hail: Ø20 mm, V < 21m/s.
- Good thermal insulation.
- Easy to combine with JI Ecopanel & JI Roof.
- Guarantee on transparency and UV protection: 10 year.

Characteristics

Stock lengths	from 2,60 m up to 13,60 m (in steps of 50 cm)
Maximum span	1,5 m (if the span needs to be longer, the clearlight needs to be fixed each meter with screws to the panel next to it)
Fire classification	B-s1,d0
K-value	1,58 W/m2K
Soft body impact	1200 J

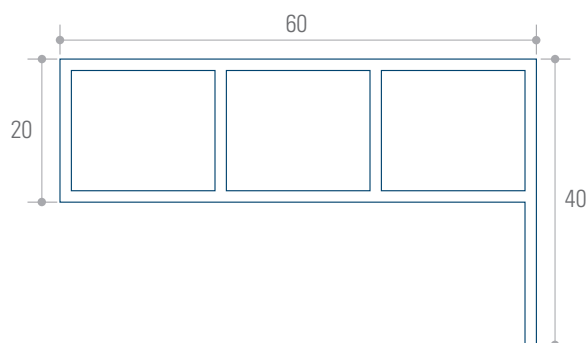
Accessories for the Lexan® Clearlight

Spacer bar

The spacer bar is placed between the purlin and the underside of the clearlight to fill up the difference of the depth. Different panel depths can be achieved by adhering 20mm bars to each other to create required thicknesses.

Characteristics

Length	975 mm
Material	White PVC

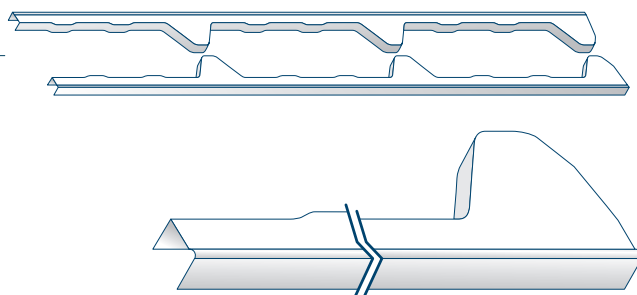


End caps

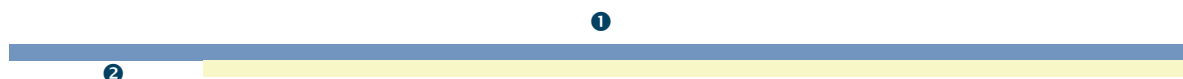
To be placed to both ends of the clearlight. The end caps are equipped with a small gutter to canalize the condensation water. The end caps are to be fixed with silicone.

Characteristics

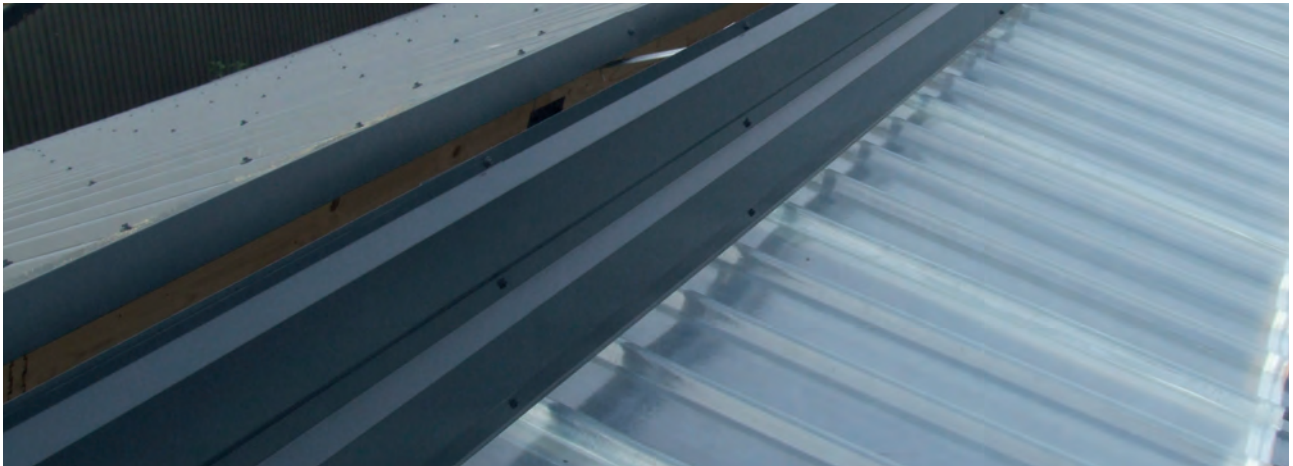
UV protection
Good adhesion
Transparent



Lexan® Clearlight with a cutback



1. Total length of the Lexan® Clearlight.
2. To be specified when ordering (minimum 50 mm; maximum 350 mm)



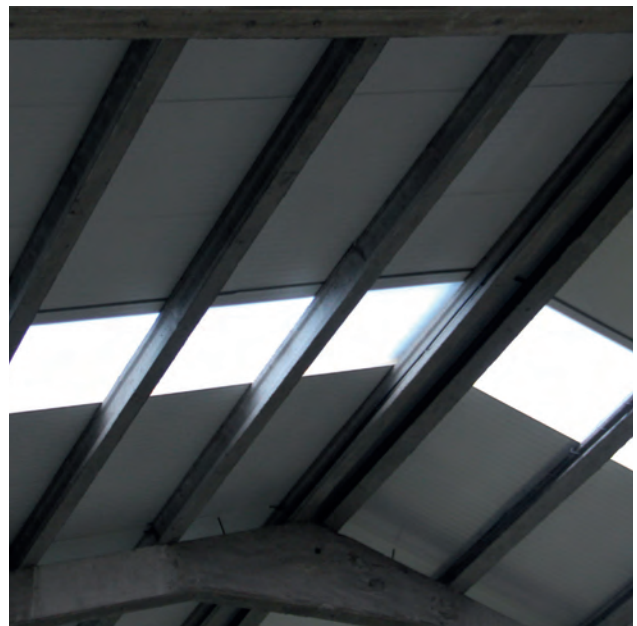
The Joris Ide Group can provide the right accessories for all your needs.



Correct positioning of the Lexan® Clearlight is making the daylight come trough.



Lexan® Clearlight used in industrial projects.



Lexan® Clearlight us used in a renovation project.



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