



Translucent, crystal clear and highly impact resistant; the

Single wall trapezoidal panels

from Lightroof Systems!

The 1035 polycarbonate sheet profile is a high-performance profiled roof panel. High optical clarity, light transmittance and exceptional impact-resistance are features of this polycarbonate sheet. The polycarbonate sheet also incorporates a coextrusion layer on the outer surface that forms a barrier against the harmful effects of UV light, minimising long-term yellowing and preserving the mechanical properties.



Lightroof
Systems

Next-generation roof and wall cladding

www.lightroofsystems.com

This single wall translucent trapezoidal panel is normally used for sloping roofs and buildings that do not require insulation. It is suitable for both roof and wall cladding, can be delivered in crystal clear finish and is generally available from stock in lengths of up to 700 cm.

Translucent trapezoidal panels can be used for various applications and different temperatures. The material is known for remaining stable at temperatures varying from -20 to +100 °C. One important feature is that the softening point is

below 200 °C. In the event of a fire in a building in which these panels are used, the panel will soften and open, enabling smoke, heat and gases formed by the fire to escape. This 'venting' feature can reduce damage to the building.

SPECIFICATIONS

Actual width	1070 mm
Working width	1035 mm
Length	4000, 5000, 6000, 7000 mm
Thickness	1 mm
Weight	1.2 kg/m ²
U value	5.7 W/m ² K
Light transmittance	88% in crystal clear finish

Our translucent trapezoidal panels can be custom-made for you in HeatGuard finish, provided the order is large enough.

STRUCTURE

