

Product Description

Polylit® sheets are made of fiberglass reinforcement impregnated with polyester resin in a continuous process. They are protected with a gel coat layer on both sides stabilizing the light, which gives it excellent protection on the outside applications.

Application

- Metal or panel roofing
- Vertical building components
- Lighting strips
- Decorative or insulating false ceilings

Advantages

- Easy to install
- Not subject to extreme dilatation
- High chemical resistance
- High mechanical strength & Impact strength

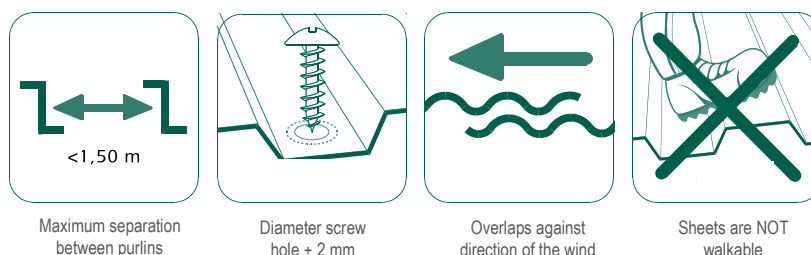
Technical Properties

Properties	Standard	Unit
Thickness	EN 1013	1.0 mm
Light Transmission	ISO 13468-1	Transparent: 81 % Opal White: 48 %
Linear Thermal Expansion	EN 1013	$3 \times 10^{-5} \text{ K}^{-1}$ (0,03 mm/m°C)
Water Vapour Permeability	EN 1013	$1,5 \times 10^{-5} \text{ mg/m h Pa}$
Flexural Strength	EN 14125	120 MPa
Tensile Strength	EN ISO 527-4	70 MPa
Barcol Hardness	EN 59	40 - 45
Reaction to fire	EN 13501-1	E

Specifications and Certifications:

- Translucent profiled sheets PolyLit® meet the EN 1013 product standard
- Certificate Reaction to fire according to EN 13501-1. Classification obtained: E

Installation Recommendations



The information listed in this technical sheet is based on experience and testing by the company, without this implying any responsibility regarding different applications, since Stabiliteuropa no has any control over end use.

