



## TECHNICAL DATA SHEET

### Polylit Brico

Translucent sheet

Code: TDS-P-81

Inspected: 00

Valid from: 08/06/17

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### Product Description

Polylit® sheets are produced in a continuous process consisting of polyester resin and glass fibre. A layer of gel coat is applied to both sides and a stabilising agent is incorporated in the weather surface to reduce the effects of UV light degradation.

### Application

- Agricultural greenhouse
- Indoor applications
- Temporary buildings
- Construction in protected sites

### Advantages

- Good light transmission
- Easy to install
- Not subject to extreme dilatation
- High chemical resistance
- High mechanical strength & impact strength

### Technical Properties

Properties	Standard	Unit
Light Transmission	ISO 13468-1	Transparent: 85% Opal White: 52%
Linear Thermal Expansion	EN 1013	$3 \times 10^{-5} \text{ K}^{-1}$ (0,03 mm/m°C)
Water Vapour Permeability	EN 1013	$1,5 \times 10^{-5} \text{ mg/m h Pa}$
Barcol Hardness	EN 59	40 - 45
Reaction to fire	EN 13501-1	F

### Installation Recommendations



#### Separation between purlins

The maximum separation between purlins should be determined for each profile, depending on the load to be borne and on the maximum deformation allowable for the application in question (Stabilit Europa recommends a maximum distance between purlins of 1.5 m).



#### Overlaps

Lateral overlaps must be against the direction of the wind and rain.



#### Safety

**Sheets are NOT walkable.**

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 Stabilit Europe no has any control over end use.

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