TECHNICAL DATA

Acrylit

Translucent sheet

Code: TDS-A-General
Inspection: 00
Valid from: 16/04/18
Page : 1 of 1

Product description

Acrylit® plates are composed of a fiberglass frame impregnated with acrylic resin and protected with a gel coat on both sides that provides excellent protection in exterior applications.

Acrylit is the only laminate that combines light transmission and durability offered by acrylic resin with the mechanical resistance offered by fiberglass reinforcement.

Sector

Industrial / Commercial / Sports buildings / Infrastructure / Residential / Greenhouses

Application

Discontinuous translucent flat/curved roofs
Continuous translucent flat roof with load structure
Translucent Roof Sports Structures / Airports / Railway Stations
Greenhouses

Advantage

Excellent durability
High mechanical resistance
Easy installation
Does not suffer dilatations
Good light transmission

Range

Thickness */**	Fisnish	Color *	Sizes *
1,2 – 1,6 mm	Smooth	Ice	Width: according to profile Maximum length: 13.500 mm

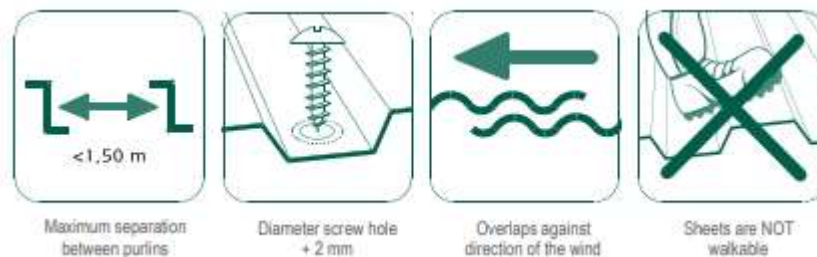* Consult our wide range of thicknesses, colors and dimensions to Stabilit Europe under minimum order requirements
** Identifying threads for each thickness.

Características Técnicas

Properties	Rule	Value
Thickness	EN 1013	**1.2 mm**
Light transmission	EN ISO 13468-1	Ice: 55 %
Thermal expansion coefficient	EN 1013	$2,6 \times 10^{-5}$ K^{-1} (0,026 mm/m°C)
Permeability to wáter vapor	EN 1013	$3,8 \times 10^{-5}$ mg/m h Pa
Flexural strength	EN 14125	135 MPa
Tensile strength	EN ISO 527-4	75 MPa
Barcol hardness	EN 59	40 - 45
Fire certification	EN 13501-1	E
Impact resistance of a large soft body (1200 Joules)	XP P 38-505	According (thickness ≥ 1.6 mm. Consult profiles that are in accordance with de test)

Specifications: 10 years limited warranty

Recommended installation

Maximum separation between purlins	Diameter screw hole + 2 mm	Overlaps against direction of the wind	Sheets are NOT walkable
<1,50 m			

T: (+34) 937 290 090 – T-SAC : (+34) 902 194 881
E-mail: info@stabiliteuropa.com - www.stabiliteuropa.com

Stabilit