



TECHNICAL DATA

Relon Plus 2,0 mm

Opaque sheet

Code: TDS-OP-3W

Inspection: 00

Valid from: 04/09/17

Page : 1 of 1

Product description

RelonPlus® is a profiled opaque plastic laminate, made from polyester resin, reinforced with a mesh fiberglass frame.

Relon Plus® is protected on both sides with a high strength gelcoat that gives greater protection to external agents and a high resistance against atmospheric or chemical agents and the absorption of water. Has been specially designed to resist saline and corrosive environments, and adapts to any type of structure

Application

- Agricultural and pig farms
- Wharfs and quays
- Sport centers.
- Any construction that requires a lightweight, opaque structure resistant to saline or corrosive environments.

Advantage

- Resistant to corrosive and saline environments
- High mechanical properties, with lightness and ease of handling.
- Impact resistance
- Resistance to temperature changes
- Long useful life

Technical characteristics

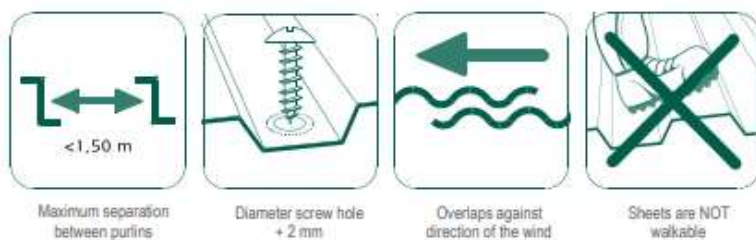
Properties	Rule	Value
Thickness	EN 1013	2,0 mm
Thermal expansion coefficient	EN 1013	$3 \times 10^{-5} \text{ K}^{-1}$ (0,03 mm/m°C)
Permeability to water vapor	EN 1013	$1,5 \times 10^{-5} \text{ mg/m h Pa}$
Flexural strength	EN 14125	175 MPa
Tensile strength	EN ISO 527-4	130 MPa
Dureza Barcol	EN 59	40 – 45
Fire certification	EN 13501-1	E
External fire reaction	EN 13501-5	B roof

Product specifications:

Fire reaction certificate according to EN 13501-1. Classification obtained: E

External fire reaction certificate according to según EN 13501-5. Classification obtained: B roof

Recommended installation



The information referred to in this Technical Data Sheet is based on the experience and the tests carried out by the company, without this implying any kind of responsibility for its different applications, given that Stabilit Europa does not have any kind of control over its final use.

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