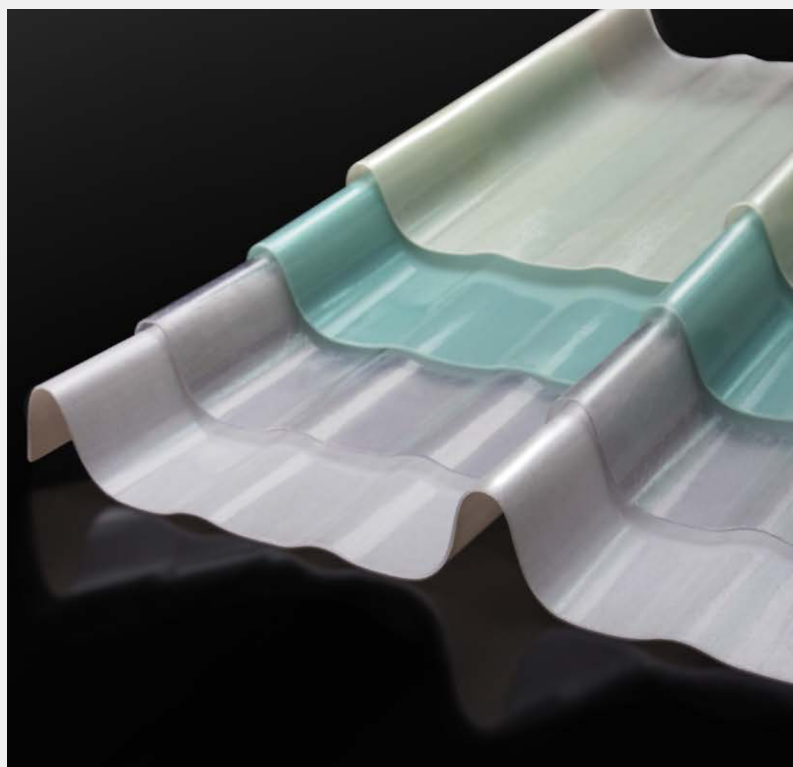




## TRANSLUCENT SHEETING

**ALSYNITE XRP Lite** is a high quality general purpose sheeting that has been the cornerstone of Alsynite's fiberglass business for years. Available in a wide range of profiles, Alsynite XRP Lite is the premium choice for cost effective skylight and siding applications



### Alsynite XRP Lite Product Specification

DESCRIPTION	The product shall be ALSYNITE XRP Lite Glass Reinforced Plastic Sheeting.
SURFACE COATING	TOP : 20µm film UNDER : 20µm underside film
RESIN SYSTEM	An Advance unsaturated polyester resin

### Production Manufacturing

PROFILE	Customized
WEIGHT	The Weight shall be [2400 or other g/m <sup>2</sup> ]
COLOUR	The Colour shall be [CLEAR, OPAL or other]
INSTALLATION	To be carried out in accordance with PT. Alsynite Indonesia Installation and Maintenance procedures.

## GENERAL INFORMATION

- **COLOURS** : XRP Lite is available in standard color such as Clear and Opal. Customised colors are available, subject to minimum order quantities and pigment availability.
- **PROFILES** : Extensive range of profiles within our portfolio.
- **NOMINAL WEIGHTS** : The standard series weight is 2400 g/m<sup>2</sup>. However, other heavier weights are available to special order.
- **SHEET LENGTHS** : Upon consultation, sheeting can be manufactured up to 12 m in length.
- **RESIN SYSTEM** : The resin system is an advance unsaturated polyester resin.

## KEY FEATURES



Good weathering properties



Warranty - condition apply  
10 Year for 2400 GSM/1.5mm  
5 Year for 1800 GSM/1.2mm



Good long term clarity properties



Resistant to common place chemicals

## TYPICAL APPLICATIONS

INDUSTRIAL AND COMMERCIAL SKYLIGHT

BUILDING SKYLIGHT SIDINGS

COMMERCIAL PERGOLAS AND AWNINGS

## Physical Properties

TEST ITEM	TYPICAL VALUE	TEST METHOD
Specific Gravity(gr/cc)	1.4 - 1.5	ASTM-D792
Thermal Expansion 10 <sup>-5</sup> cm/cm/°C	2.2	ASTM-D696
Water Absorption (%)	0.4335	ASTM-D570
Thermal Conductivity (W/m °K)	0.15	ASTM-C 177
Heat Distortion Temperature (°C)	251.4	ASTM-D648
Operating Temperatures (°C)	-20 to +95	-

## Mechanical Properties

PROPERTIES	TYPICAL VALUE	TEST METHOD
Barcol Hardness	50	ASTM - D2583
Glass Content (%)	26 - 30	ASTM - D2584
Tensile Strength (MPa)	60 - 100	ASTM - D638
Flexural Strength (MPa)	100 - 130	ASTM - D790
Flexural Modulus (MPa)	3000 - 5000	ASTM - D790
Charpy Impact Strength (J)	42	ASTM - D6110
Compressive Strength (MPa)	135	ASTM - D695
Shear Strength (MPa)	50	ASTM - D732

## Optical Properties

PROPERTIES	TYPICAL VALUE	
	CLEAR	OPAL
Light Transmission (%)	60 - 70	50 - 60
Heat Transmission (%)	70 - 80	60 - 70

\*Values are typical and do not constitute a specification.

SCAN QR CODE  
FOR MORE PRODUCT INFO

