

Technical Data Sheet – Proplex FR



Proplex is a rigid flame retardant twin-walled product available in sheets. It is both lightweight and strong making it a very versatile protective material for vertical and horizontal surfaces. This product is available in a variety of grades between 2mm and 4mm and 250 g/m² up to 1200 g/m². Available in a variety of colours with own logo on request.

Fire Certification:

LPS1207:	Certificate Nr 843a: Classification: LPS1207 Pass (Covers Proplex 2mm to 4mm)
EN 13501-1:2007+A1:2009	Certificate Nr WF 340 284: Classification: B s1d0 (Covers Proplex 2mm – 4mm)
NFPA 701 (2015 Edition):	Certificate Nr 16-002-457: Pass
ASTM E648:	Certificate Nr 17-002-606 (B): Class 1 (Average 0.67 W/cm ²)

Technical Details:

Material:	Polypropylene Sheeting
Thickness:	2mm to 4mm
Dimensions:	2.4m x 1.2m Std Ex-Stock (Various sizes on request)
Weight:	250 g/m ² ± 5% to 1200g/m ² ± 5%
Colour:	Translucent or White (Other colours on request)
Print:	LPS1207 Certification and Protec logo (Own logo on request)
Tensile Strength at Yield:	29MPa
Elongation at Yield:	6%
Tensile Modulus:	1500 MPa
Flexural Modulus:	1400 MPa
Izod Impact Strength:	>50 at 23 degrees C