

FIRE RETARDANT TRANSLUCENT ROOFING



Introduction

Topglass® FR50 is designed and supplied as a fire and smoke retardant natural lighting system for use in commercial and industrial buildings. This type of resin system alters the flammability point of the sheeting; however it should be noted Laserlite Building Products supplies all GRP sheeting in this brochure as natural lighting/cladding products only.

Key Benefits

- Specifically formulated using fire retardant materials for use in commercial building applications and educational institutions.
- Can be considered into building designs that specifically require reduced ignitability, flame propagation and heat and smoke release over conventional resin systems.

Applications

- Schools and educational institutions
- Public assembly areas

Special Applications

BRANZ test report FH 4937 October 2012 contained in this literature refers to Topglass® FR50. Contact Laserlite Building Products for advice on more advanced fire and smoke retardant resin systems.

Surface Coatings

Topglass® FR50 is supplied with the Laserlite Building Products 100 micron* Exo-Set 206 SPF enhanced Gelcoat system. It is supplied as a translucent roofing product and is available with increased solar values with the addition of Topglass® TopCool. The SPF enhancement stabilises the product, offering increased weather surface stability in colour retention.

Colours and Tints

Available in Opal, Clear and TopCool.

Safety

To comply with the requirements of AS 1562.3: 2006 Part 3 Plastic, translucent roofing products are classified as “Brittle Roofing” and therefore not suitable to support foot traffic. With exception of Topglass® GC Ultra-Safe. Safety mesh should be installed under all translucent roofing.

Specification

The Translucent roofing shall be Topglass® FR50 reinforced Polyester roof sheeting as manufactured by Laserlite Building Products to comply with AS 4256.3: 2006 JAS-ANZ Certification Licence No. 2349. The sheeting shall be measured in g/m² or mm (sheet thickness) and manufactured to conform to the nominated roofing and cladding profile. Installation shall be carried out in accordance with the requirements of AS 1562.3: 2006.

Quality and Testing | 7-543772-CN*

Ignitability Index	15	Range 0 - 20
Spread of Flame	7	Range 0 - 10
Heat Evolved Index	7	Range 0 - 10
Smoke Developed	8	Range 0 - 10

