
FIBREGLASS REINFORCED POLYMER

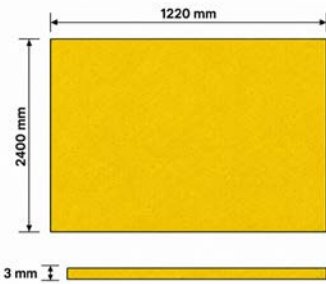
Anti-Slip Flat Sheet



FRP Limited is a proudly New Zealand family-owned and operated company, supplying practical access and safety solutions across the country. We work with industrial, infrastructure, water and wastewater, marine, commercial, utility, and public access projects, providing both standard products and solutions tailored to suit specific site requirements. With nationwide delivery, in-house cutting and fabrication, and experienced technical support, we make it easier to select, specify, and install the right solution. From initial product selection through to installation advice, our team is focused on delivering dependable products, responsive service, and long-term value.

FRP flat sheet provides a durable, lightweight, and corrosion-resistant surface solution for demanding environments. Manufactured from fibreglass reinforced polymer and available with Diamond Top or permanently bonded CARBIX™ anti-slip surface finishes, it is suited to industrial, infrastructure, commercial, marine, and public access applications. It is resistant to corrosion, electrically non-conductive, and requires minimal ongoing maintenance. Available in multiple thicknesses, colours, resin systems, and grit options, each sheet can be supplied full size or cut to suit the project and supplied ready for installation. FRP Limited can also assist with product selection, fabrication, fixing methods, technical documentation, and installation guidance.

Flat Sheet**STANDARD**



SPECIFICATIONS

Sheet Size	2400 × 1220 mm
Thickness	3 mm
Slip Rating	Class V (Wet Pendulum)
Grit	Medium

AVAILABLE COLOURS

 Colza Yellow (RAL 1021)

 Jet Black (RAL 9005)

 Light Grey (RAL 7035)

FINISH OPTIONS

Surface Grit – CARBIX™ Anti-Slip Surface

DIAMOND TOP

Raised moulded surface pattern. Durable, easy to clean, and provides moderate slip resistance without bonded grit. Suitable for general industrial and commercial applications.

CARBIX™ FINE GRIT

Approx. 125–210 µm. Permanently bonded to the Flat Sheet. Commercial, pedestrian and public access areas where slip resistance and underfoot comfort are both important.

CARBIX™ MEDIUM GRIT

Approx. 600 µm. Permanently bonded to the Flat Sheet. Industrial walkways, workshops, infrastructure, and high-traffic areas requiring dependable slip resistance.



Colza Yellow RAL 1021



Jet Black RAL 9005



Light Grey RAL 7035

TESTING & INSTALLATION

Verified Performance

PERFORMANCE	STANDARD	RESULT
 Slip resistance	AS/NZS 4586:2004	Class V – BPN > 54 Tested
 Flammability	ISO 9239-1:2010 / ASTM E84	Class A (ASTM E84)
 Water absorption	ASTM D570-22	<1%
 Dielectric strength	ASTM D149-20	15.6 kV/mm
 Asbestos	AS 4964:2004	Free
 Resin system	ISO-PLEX™	Isophthalic polyester
 Arc resistance	ASTM D495-22	182.5 S

Technical information is available to assist designers in demonstrating compliance with the relevant NZBC performance requirements – Clause D1 (Access Routes) and Clause F4 (Safety from Falling).

TECHNICAL SUPPORT

Cut to Size. Ready to Install

Flat Sheet is available as full sheets or cut to your required dimensions. Our team can assist with surface finish selection, custom cutting, technical documentation, and installation guidance.

- ◆ Surface finish selection
- ◆ Specification clauses
- ◆ Test reports
- ◆ Compliance advice
- ◆ CAD & DWG files
- ◆ Installation guidance



Need more information?

Scan the QR code to visit our website for product information and further technical specifications.