



**Terra
Firma™**

INFRASTRUCTURE IMAGINED DIFFERENTLY

FRP Anti-Slip Floor Plates & Stair Nosing



About FRP

The unique characteristics of composites make them suited for an immense variety of uses, including the civil and public infrastructure, marine, aerospace, petroleum and many more.

At Terra Firma Industries, we're passionate about modern composite materials. That's why we developed our TerraGrate FRP range.

TerraGrate FRP (Fibre Reinforced Polymer/Plastic)

is lighter and stronger than equivalent traditional materials. As a result, FRP sheeting offers massive time and cost savings during installation and maintenance. TerraGrate FRP does not corrode, rot or burn and can be easily fabricated on site using common hand tools. It's perfect for use in exposed, corrosive and chemical environments to reduce costs and improve safety.

TerraGrate FRP offers a range of benefits over traditional materials:



Lightweight



Strong



Improved OH&S



Corrosion resistant



Fire resistant



Chemical resistant



Non-conductive



Slip resistant



Cost effective



Design friendly



Durable



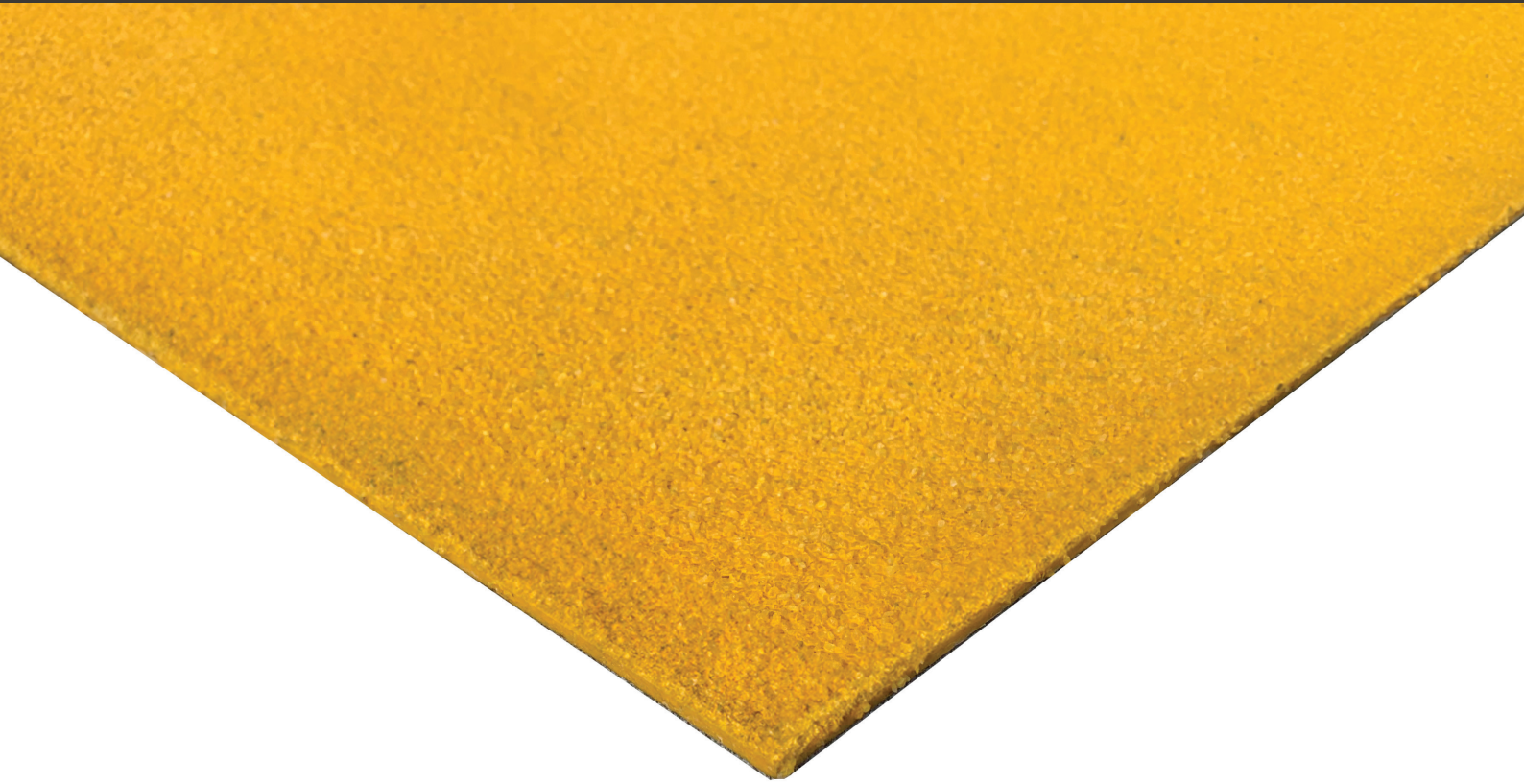
Colour stable

Because FRP is made by combining a matrix of resins and fibres. The resins can be tailored to meet very specific requirements including chemical, electrical, fire or slip-resistance and the fibres can be chosen for different strength and flexibility ratings.

TerraGrate offers a full range of FRP products including walkway and platform mesh, support pedestals, handrails, stairs, anti-slip flooring, marine-grade walkway and structural profiles.



Anti-Slip Floor Plates



TerraGrate® FRP Non-Slip Floor Plates are manufactured from fibreglass reinforced polymer and include a hard-wearing, integrated, P5-rated anti-slip grit.

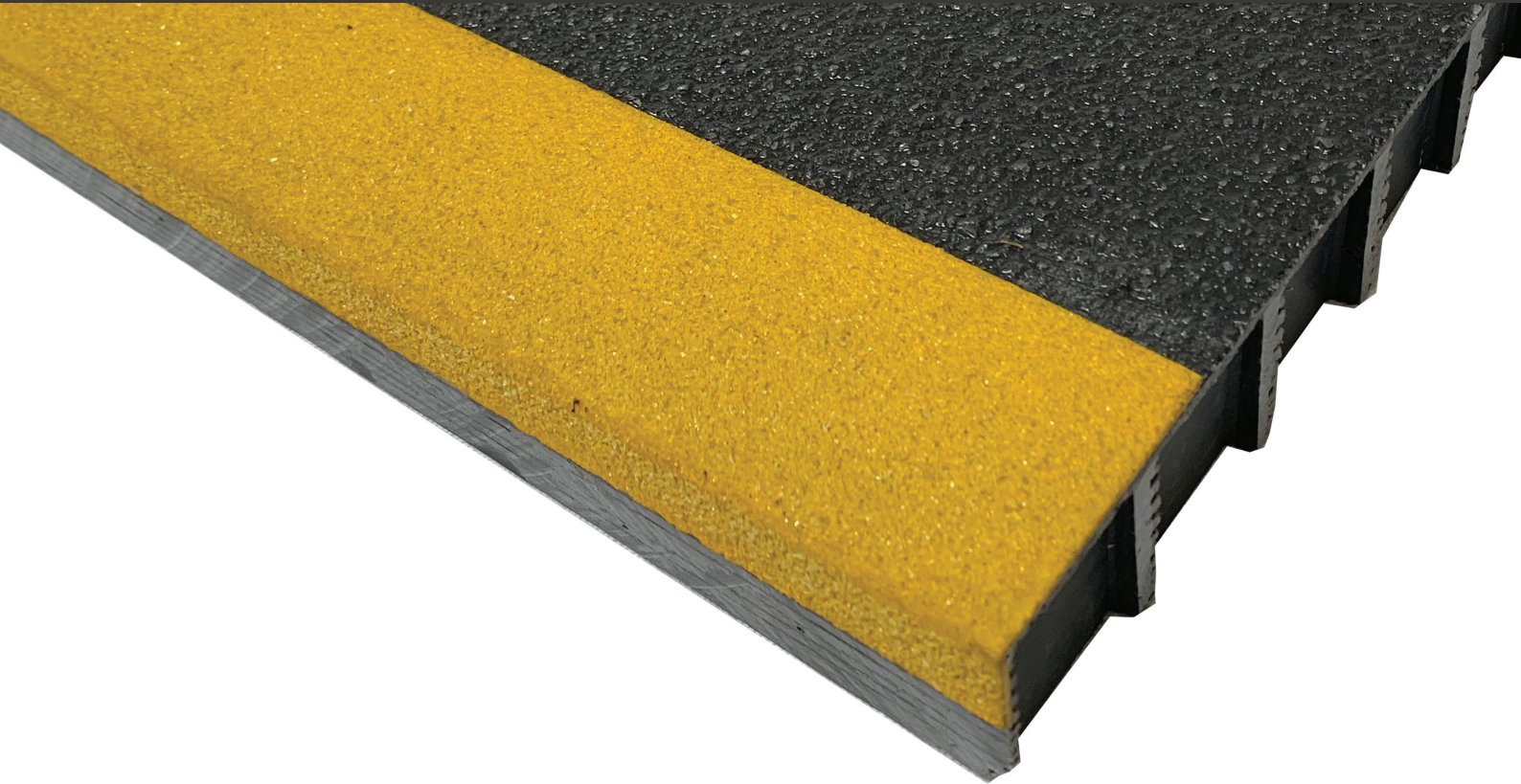
FRP anti-slip sheeting is chemical, fire and corrosion resistant and perfect for hazardous areas to reduce slip risk. Suitable for both indoor and outdoor applications and ideal for use in industrial, commercial and public spaces.

TerraGrate® Anti-Slip FRP sheeting can be easily secured onto most existing surfaces.

Its standard sheet thickness is 3.2 mm. As for non-standard sizes, thickness and colours are available on request.



Anti-Slip Stair Nosing



TerraGrate® FRP Non-Slip Safety Stair Nosing surface grit is specially formulated to exceed the highest P5 slip resistance rating under the AS/NZS 4586:2013 standard for pedestrian surface materials.

TerraGrate® high visibility, anti-slip, stair nosing can be customised to fit any sized step or stair. Hard wearing and durable it is ideal for use in high-traffic and wet environments including marine, industrial, commercial and public applications.

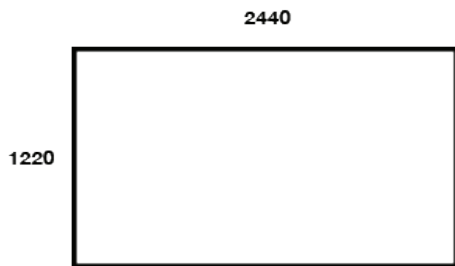
Ultra durable Fibreglass Reinforced Plastic (FRP), rigid stair nosing is UV stabilised and can be secured using adhesive, bolts or screws making it the perfect solution for any type of step.

Standard stock safety-yellow stair nosings are available in 25mm or 38mm deep and 75mm wide and in any length up to 3660mm. TerraGrate® nosings are also available for pre-order in widths up to 100mm and a variety of colours.



Anti-Slip Products

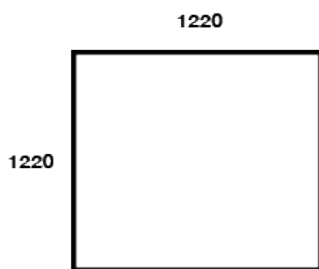
FNS 2440x1220x3.2



Typically In Stock



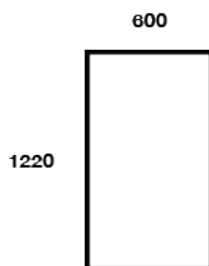
FNS 1220x1220x3.2



Typically In Stock



FNS 1220x600x3.2

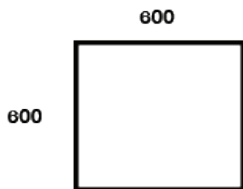


Typically In Stock



Anti-Slip Products

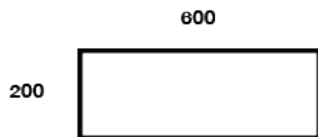
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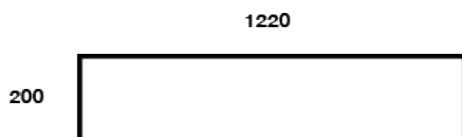
FNS 200x600x3.2



Typically In Stock



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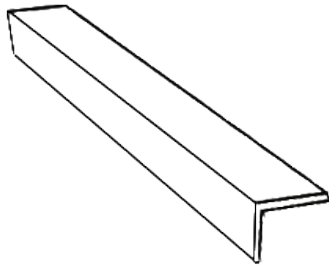


Typically In Stock



Anti-Slip Products

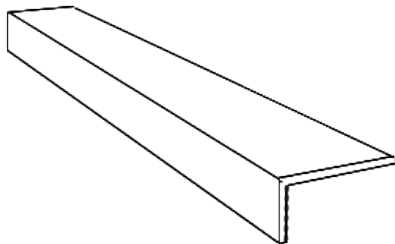
FNS - TR25



Typically In Stock



FNS - TR38



Typically In Stock



Standard Colours

Light Grey RAL 7035

C:20 M:10 Y:15 K:5
R:197 G:199 B:196

Dark Grey RAL 7015

C:45 M:30 Y:15 K:70
R:79 G:83 B:88

Black RAL 8022

C:100 M:50 Y:30 K:100
R:26 G:23 B:24

Yellow RAL 1003

C:0 M:35 Y:100 K:0
R:249 G:168 B:0

Dark Green RAL 6032

C:90 M:10 Y:80 K:10
R:35 G:127 B:82

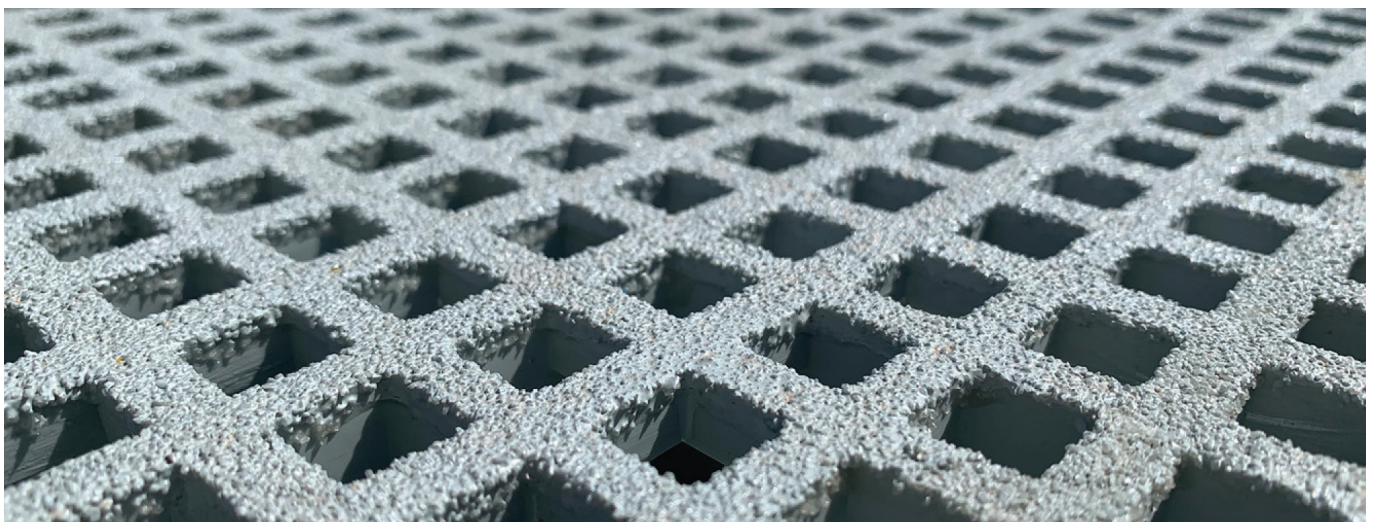
(STOCKED AS STANDARD, ALSO AVAILABLE FOR ORDER IN CUSTOM COLOURS ON REQUEST)



FRP - Steel Comparison

Properties	TerraGrate FRP Grating	Galvanised Steel	Stainless Steel
Life Span	High	Moderate	Moderate
Installation cost	Low	Moderate	Moderate
Life cycle cost	Low	High	High
Strength to Weight ratio	High	Low	Low
Light weight	High	Low	Low
Corrosion Resistance	Very High	Moderate	High
Chemical Resistance	High	High	Moderate
Electrical Conductivity	Very Low	High	High
EMI / RFI Transparency	High	N/A	N/A
Difficulty of handling	Very Easy	Difficult	Difficult
Anti-Slip	Available	N/A	N/A
Colour Range	Available	N/A	N/A

• CHEMICAL RESISTANCE CHART IS AVAILABLE UPON REQUEST





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