



VIACLAD™

ViaClad™
High Traffic Grating

Isophthalic Resin Safe Access

High Traffic Grating

Features

- Safe & controlled access across for high traffic.
- Lightweight & easy to handle.
- Non-conductive materials are ideal for all industrial sectors.
- Long operational service life.
- Anti-slip properties.
- No ongoing maintenance.
- Excellent properties on both coastal and inland environments.
- Perfect for use in high corrosive environments.

ViaClad™ GRP High Traffic Grating Isophthalic Resin Safe Access High Traffic Grating

PRODUCT DESCRIPTION

The industry-leading Anti-Slip, Corrosion-Resistant, GRP High Traffic Grating.

INTENDED USES

ViaClad™ Isophthalic Resin GRP High Traffic grating provides an anti-slip, corrosion-resistant, level walking surface to traverse across a surface with outstanding safety, performance and durability. Providing a clear demarcation route on surface mitigates damage from unnecessary foot traffic.

The ViaClad™ GRP High Traffic Grating satisfy the latest regulations for safe maintenance of a surface and distribute the load evenly across the surface and reduce long term 'wear and tear.'

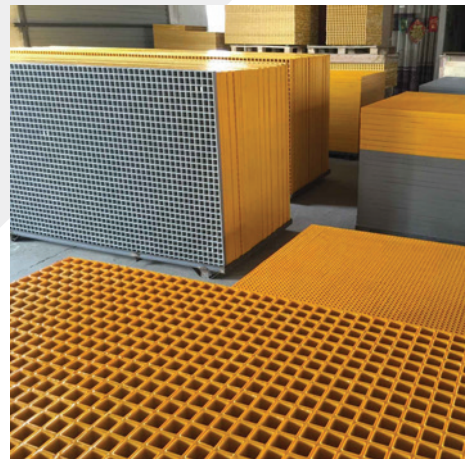
This lightweight, excellent strength-to-weight ratio grating system is quick to install and with a low maintenance regime for a long effective operational life.

CHARACTERISTICS

- Excellent strength-to-weight ratio
- Extremely hard-wearing and durable
- Lightweight
- Corrosion-resistant Isophthalic
- Anti-slip meniscus
- Long, effective service life
- Fire Retardant to ASTM E84 rating of 25 or less

MAINTENANCE PLAN

Your Titan Trade Co Com (PTY) Ltd sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.





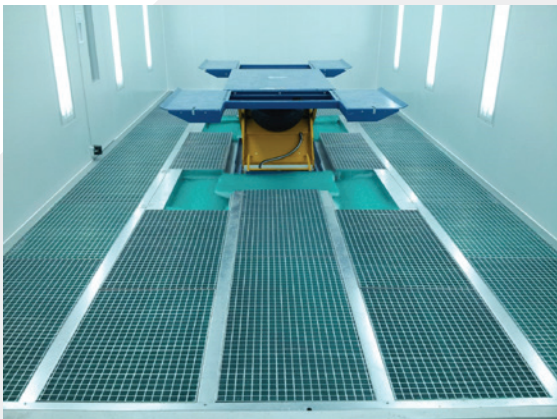
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PRODUCT INFORMATION

Resin System:	Corrosion resistant isophthalic.
Colour:	All colours available depending on the quantity required. Standard stocked colours include dark grey, light grey, yellow & orange.
Finish:	Non-slip meniscus with the option of grit.
Fire Retardant:	ASTM E84 rating of 25 or less.
Panel Mesh Pattern:	7mm load bar width and 38mm x 38mm centre to centre of the load bars, 31mm x 31mm square apertures, providing exceptional bi-directional strength with an open area of 68%.
Size of typical panel:	3660mm x 1220mm x 38mm thick.
Tread Mesh Pattern:	7mm load bar width and 150mm x 38mm centre to centre of the load bars, 143.6mm x 31mm square apertures.
Size of typical stair treads:	600mm x 270mm x 38mm thick.
Weight of 38mm panel:	19.5kg/m ² .
Supports:	Based on a calculated load of 1.5kN/m ² (as required by the latest construction regulations). The maximum recommended span for heavy-duty panels is 1.22m, to achieve greater spans all four sides of the panel need to be supported. Ideal support centres are 900mm centres using the ViaClad™ Clamp.
Deflection:	Based on a load of 1.5kN/m ² as follows: <ul style="list-style-type: none">• 600mm clear span - 2.05mm.• 800mm clear span - 5.17mm.• 1000mm clear span - 8.30mm.
Sealing:	All shop fabricated grating cuts shall be coated with vinyl ester resin to provide maximum corrosion resistance. All field fabricated grating cuts shall be coated similarly by the installer in accordance with the manufacturer's instructions.
Mechanical Fitments:	ViaClad™ Clamp and support systems complete with 316 series stainless steel bolts, nuts, m-clips and washers.



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IMPORTANT NOTE

Draft Specification for Titan Trade Co Com (PTY) Ltd ViaClad™ GRP High Traffic Grating.

The purpose of this Draft Specification is to assist the Project Designer and Quantity Surveyor in producing their respective documentation for any project under consideration.

It is provided in good faith for use at the discretion of the respective consultant, to be amended and edited as required to suit the particular project requirements.

Titan Trade Co Com (PTY) Ltd is not privy to detailed contractual arrangements and documentation of an individual project and are therefore not in a position to co-ordinate related work by others. It is not the intention for this draft to relate to any particular project but to provide a guide to the more common items to be encountered in Titan Trade Co Com (PTY) Ltd Roofing Systems.

Whilst it is the Project Designer/Quantity Surveyors/Planning Supervisor's responsibility to produce their respective documents and we can assist them in their duties, we cannot accept responsibility for any errors or omissions which may occur in tender or contract documents or for compliance with the requirements of Health and Safety/Construction Design and Management Regulations which may be applicable.

Please check to ensure that any amendments to the standard draft, represents a true interpretation of the Project Designer's requirements.

Disclaimer

Titan Trade Co Com (PTY) Ltd provides all information contained in this publication based on data available at the time and reserves the right to amend such information from time to time.

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