

	FRP/GRP MOULDED GRATING	DATE : 2021.11.16
		REF. : SPC/GRP1
PROJECT GENERIC SPECIFICATIONS	TITLE STONCOR POLYESTER GRATING & STAIRTREADS	REV. : 7
		PAGE : 1 OF 1

- Supplier** - StonCor Africa (Pty) Ltd
- Chemical Duty** - Acidic and low concentration Alkali conditions
- Resin System** - The resin formulation is designed for industrial and chemical processing applications where corrosion resistance is important.
- Manufacture Method** - Compression moulded, with a 65% resin to 35% fibreglass ratio.
- Mesh Pattern** - Grating - 38mm x 38mm Square mesh pattern, in order to ensure bi-directional load carrying capability
- Fire Retardancy** - Complies with ASTM E-84 Flame Spread rating of 25 or less.
- UV Stable** - Yes
- Colour** - Green or Dark Grey
- Surface Finish** - Non-slip miniscus
- Panel Sizes** - 3,66m x 1,22m
- Panel Depth** - 25mm
- Weight** - $\pm 12 \text{ kg/m}^2$ for 25mm
- Loading** - Grating - 25mm
Maximum Recommended Load @ 0.8m Span = 9.3kN/m^2
Ultimate Load @ 0.8m Span = 48.5kN/m^2 (Safety Factor 5:1)

