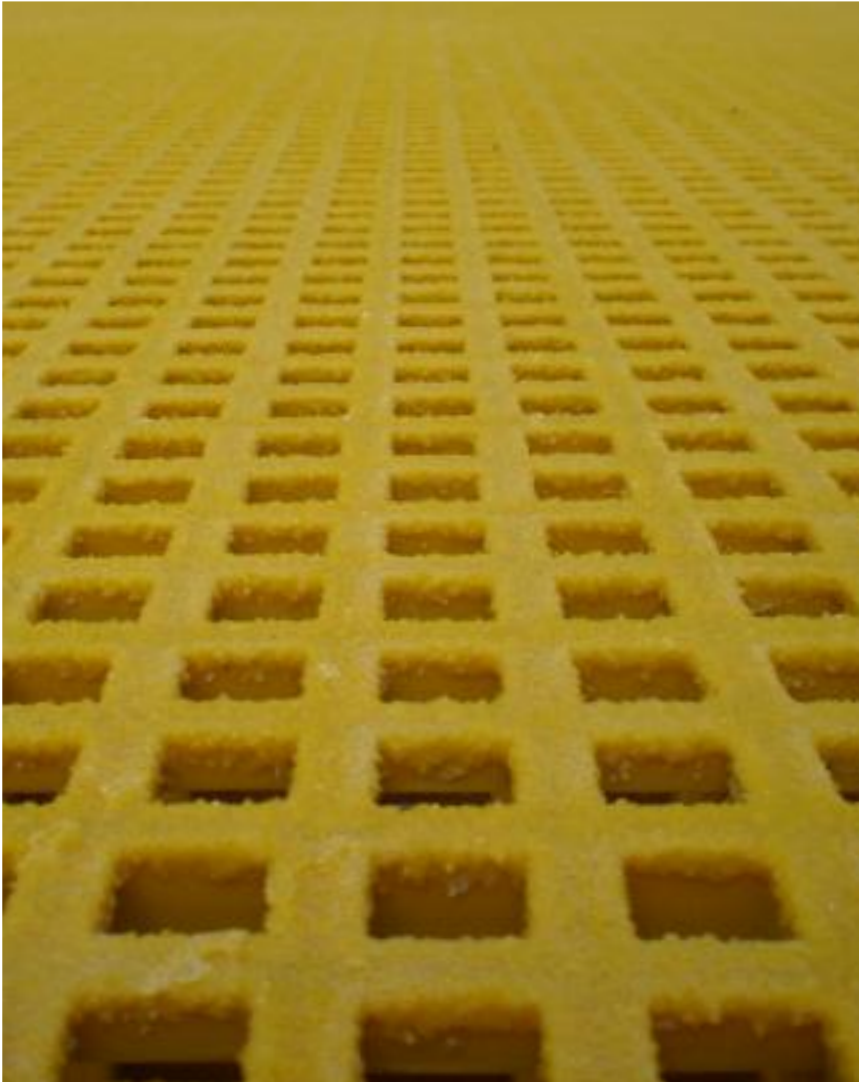


MINI AND MICRO MESH FIBREGLASS GRATING



Pontoon Decking



Roof Top Walkways



Drain Covers



Raised Walkway

BENEFITS

- ✓ Excellent anti-slip properties (BS 7976-2).
- ✓ (BS EN 9239-1/ASTM E 84 Class 1).
- ✓ BS 4592 compliant.
- ✓ Corrosion resistant.
- ✓ Fire resistant.
- ✓ Non-conductive.
- ✓ Non-magnetic.
- ✓ Bi-directional spanning.
- ✓ Light weight.
- ✓ Easy to install.
- ✓ Long lasting and durable.
- ✓ uV Stable.
- ✓ Thermally stable.
- ✓ Minimal scrap value.

A corrosion resistant, high-strength, light-weight, anti-slip alternative to conventional Galvanised and Stainless Steel grating.

MINI AND MICRO MESH FIBREGLASS GRATING

MATERIAL CHARACTERISTICS



Quality Assurance

Manufactured in accordance with our ISO 9001 accredited Quality Management System, the structural integrity of the specified material is high grade. A suggested life span of 25 years is expected, but not guaranteed, and is based on a number of variables: environmental, installation process, maintenance, loading and traffic conditions.



Chemical Resistance

GRP is resistant to a wide range of chemicals, across a wide temperature spectrum. GRP can be made using different resin systems to achieve specific chemical resistant properties. Please refer to our separate chemical resistance chart SOS-DST-10.



Slip Resistance

The integral angular quartz gritted surface has been Tested in accordance with BS7976-2 and provides an exceptional level of slip resistance. Lifespan depends on frequency of use.



Fire Resistance

All products contain a fire resistant additive and comply with Euro Class 1 and ISO11952-2. Performance is equivalent to ASTM E84 class 1 and BS476 part 7class2 flame spread to give a 30 minute burn time.



Self-Coloured

All Quartzgrip® Moulded Fibreglass grating is pigmented throughout during manufacture, and does not require any secondary treatment such as powder coating or paint spraying. Standard Stock Colours are Green (RAL6001) Grey (RAL7004) and Beige (RAL1003). Bespoke colours available upon request.



Light Weight and Durable.

Weighing around 1/3 of an alternative steel grating, Quartzgrip® moulded fibreglass grating is lightweight in comparison, and can be manoeuvred into place without mechanical assistance. Quartzgrip® Moulded Grating is exceptionally durable, and has the ability to withstand impact, reducing the risk of permanent buckling and deformation.



UV Stable

All panels are manufactured with a high quality UV inhibitor to prevent colour degradation.

FOR MORE INFO

Call: 01206 322 899

Email: sales@deck-safe.co.uk

Visit: www.decksafe.co.uk

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MINI AND MICRO MESH FIBREGLASS GRATING

Mini Mesh Panels (20 x 20mm Mesh).

Panel Type	Panel Depth (mm)	Weight (KG/M)	Mesh Pitch - internal mesh (mm)	Open Area	Resin Base	Standard Colours	Surface Finish	Panel Sizes (mm)
Pontoon Topping	14	9.3	20 x 20 (12 x 12)	42%	Ortho- FR	Green, Yellow, Black, Beige	Gritted	3007 x 1007 3687 x 1247
Standard Duty	22	16	20 x 20 (12 x 12)	42%	Ortho- FR	Grey, Green, Beige	Gritted	2007 x 1527 3007 x 1007 4047 x 1247
Medium Duty	30	18.8	20 x 20 (12 x 12)	42%	Ortho- FR	Grey, Green, Beige	Gritted	3007 x 1007 4047 x 1247
Heavy Duty	38	24.5	20 x 20 (12 x 12)	42%	Ortho- FR	Grey, Green, Beige	Gritted	3007 x 1007 4047 x 1247

Micro Mesh Panels (12 x 12mm Mesh).

Panel Type	Panel Depth (mm)	Weight (KG/M)	Mesh Pitch - internal mesh (mm)	Open Area	Resin Base	Standard Colours	Surface Finish	Panel Sizes (mm)
Standard Duty	22	16.5	12 x 12 (8 x 8)	42%	Ortho- FR	Grey, Beige	Gritted	2007 x 1527 4047 x 1247
Medium Duty	30	19.58	12 x 12 (8 x 8)	42%	Ortho- FR	Grey, Green	Gritted	3007 x 1007 4047 x 1247

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MINI AND MICRO MESH FIBREGLASS GRATING

Load and Deflection Data

Moulded Mini Mesh Grating			Unsupported Span (unfixed) over 1m width						
Thickness	Self-weight	Load Type	300	500	600	750	1000	1200	1500
14	10	Point Load	650	230	155	95	50	30	10
		UDL	1025	365	250	155	80	50	25
22	16	Point Load	2885	1030	715	450	245	165	95
		UDL	5945	2135	1480	960	520	355	215
30	18.8	Point Load	6710	2410	1670	1060	585	400	245
		UDL	10740	3860	2675	1705	950	650	405
38	23.1	Point Load	11825	4245	2945	1875	1045	715	445
		UDL	18920	6805	4720	3010	1685	1160	725

Moulded Micro Mesh Grating			Unsupported Span (unfixed) over 1m width					
Thickness	Self-weight	Load Type	250mm	500mm	600mm	750mm	1000mm	1200mm
22	16.5	Point Load	1239	352	241	151	81	35
		UDL	2587	1210	696	351	143	53
30	19.58	Point Load	2449	962	665	422	233	159
		UDL	5104	2547	1886	961	400	110

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MINI AND MICRO MESH FIBREGLASS GRATING

Related Products



Ladders



Stair Tread Covers



Roof Access



GRP Handrail

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