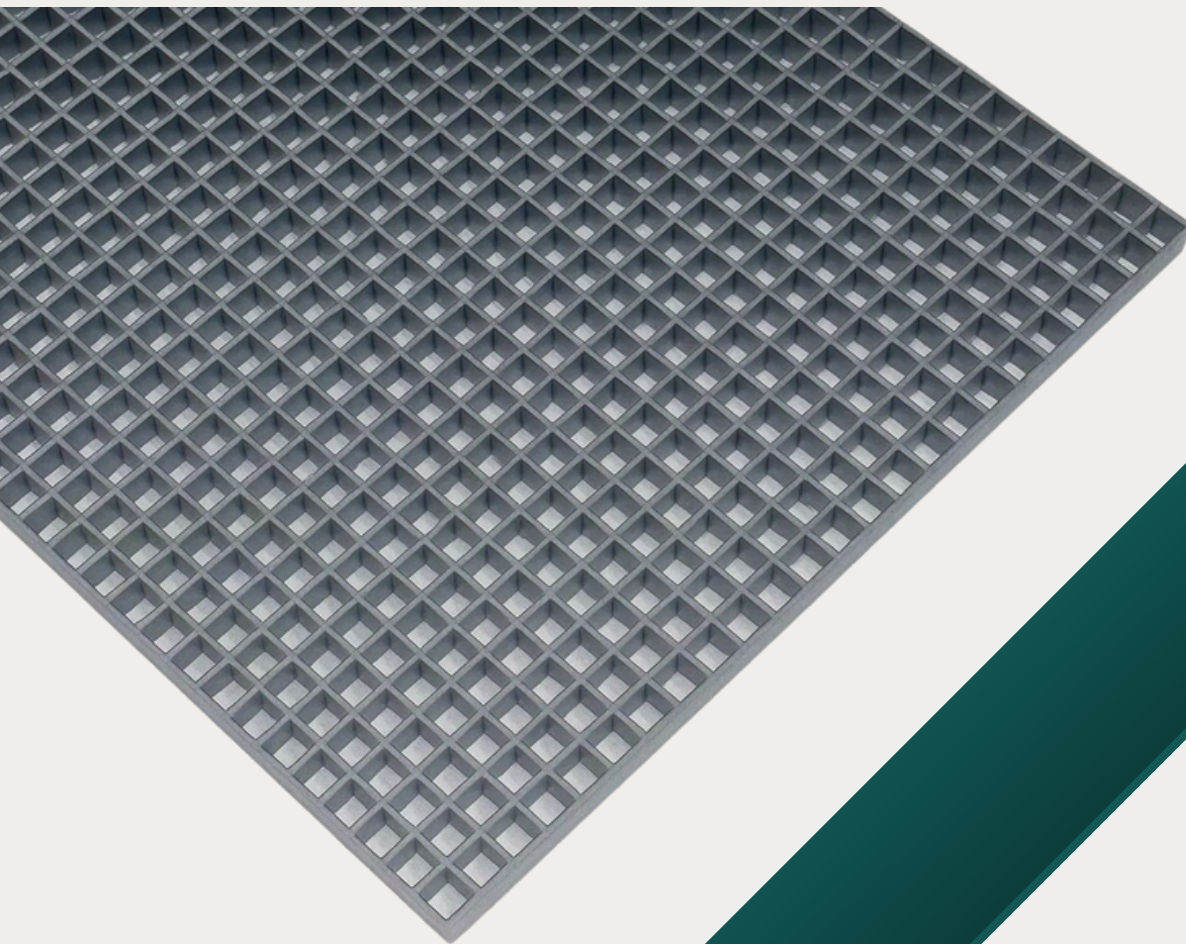


Fiber Grating

(FRP - Fiber Reinforced Plastic)



About Us



40+

Years In Business

100+

Custom Solutions

200+

Government Units



Sid Wang

All Leader Founder

All Leader is a global leader in FRP composite materials, committed to providing high-quality, durable solutions for diverse industries. With years of expertise and a dedicated team, we deliver products that stand the test of time.

Why Choose FRP?



70% Lighter

FRP composites are up to 70% lighter than steel and concrete, reducing shipping costs and structural load, while allowing innovative designs without sacrificing strength.



Safer Alternative

FRP is a safer construction option due to its non-conductive properties and high strength-to-weight ratio, ensuring reliable performance in critical conditions.



Less Maintenance

FRP materials need little maintenance because of their corrosion resistance and durability, resulting in long-term cost savings and consistent performance in tough conditions.



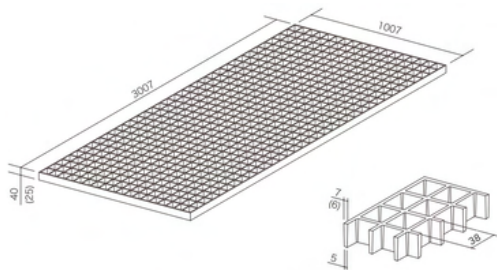
Eco-Friendly

FRP materials are durable, recyclable, and promote sustainability, making them an eco-friendly choice for construction.

Product Specifications

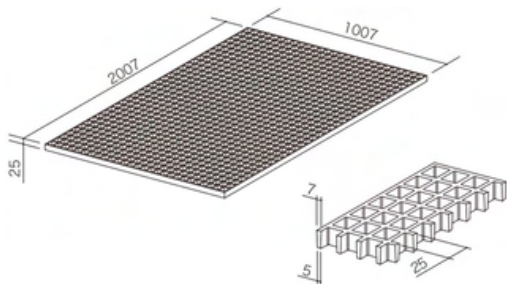
Square Mesh Type

38 x 38



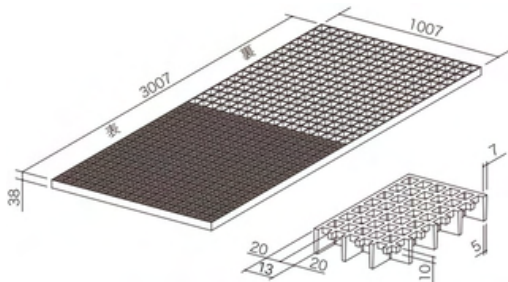
Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	38×38	5.7	72%	6.5	1220×3660 1524×3048
25	38×38	6.2	69%	8.5	1220×3660 1524×3048
30	38×38	6.5	67%	10.0	1220×3660 1524×3048
38	38×38	7.0	65%	12.5	1220×3660 1524×3048
50	38×38	8.0	62%	16.0	1220×3660 1524×3048

25 x 25



Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	25×25	3.8	68%	8.5	1220×3660 1524×3048
25	25×25	4.2	65%	12.0	1220×3660 1524×3048
30	25×25	4.5	63%	14.5	1220×3660 1524×3048
38	25×25	5.0	61%	17.5	1220×3660 1524×3048
50	25×25	6.0	58%	23.0	1220×3660 1524×3048

13 x 13

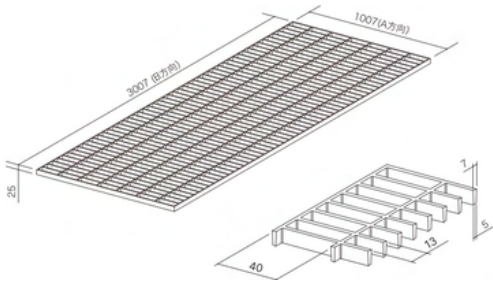


Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	13×13	2.0	63%	11.5	1220×3660 1524×3048
25	13×13	2.5	60%	16.5	1220×3660 1524×3048
30	13×13	2.8	58%	19.5	1220×3660 1524×3048
38	13×13	3.0	56%	23.0	1220×3660 1524×3048
50	13×13	3.5	53%	29.0	1220×3660 1524×3048

Product Specifications

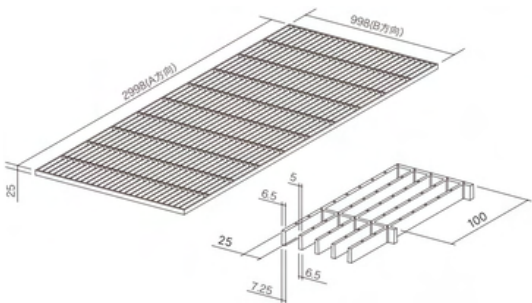
Rectangular Mesh Type

13 x 40



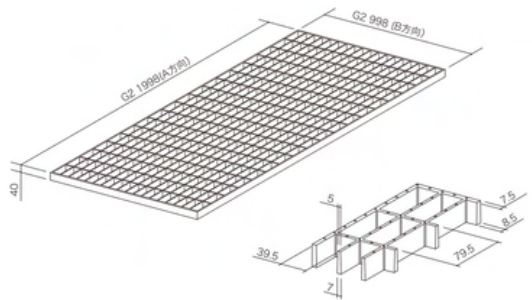
Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	13×40	7	72%	7.0	1220×3660 1524×3048
25	13×40	8	70%	9.5	1220×3660 1524×3048
30	13×40	9	68%	11.5	1220×3660 1524×3048
38	13×40	10	66%	14.0	1220×3660 1524×3048
50	13×40	11	64%	18.0	1220×3660 1524×3048

25 x 100



Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	25×100	12	80%	5.5	1220×3660 1524×3048
25	25×100	13	78%	7.5	1220×3660 1524×3048
30	25×100	14	76%	9.0	1220×3660 1524×3048
38	25×100	15	74%	11.0	1220×3660 1524×3048
50	25×100	17	72%	14.5	1220×3660 1524×3048

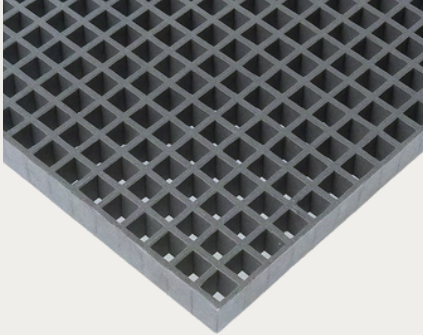
39.5 x 79.5



Thickness mm	Mesh Dimensions (mm)	Load Bar Top Width(mm)	Open Area Ratio	Approximate Weight(kg/m ²)	Standard Dimensions
13	39.5×79.5	13	75%	6.0	1220×3660 1524×3048
25	39.5×79.5	14	73%	8.2	1220×3660 1524×3048
30	39.5×79.5	15	71%	9.8	1220×3660 1524×3048
38	39.5×79.5	16	69%	12.0	1220×3660 1524×3048
50	39.5×79.5	18	67%	15.5	1220×3660 1524×3048

Application

Square Mesh Type 38 x 38



Ceiling



Drainage Grating

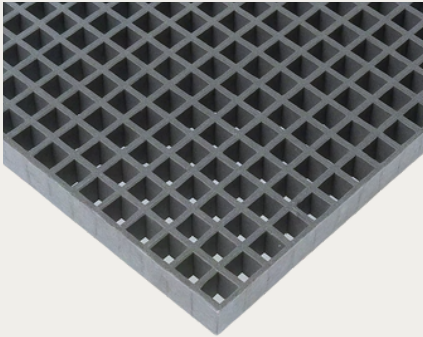
Vehicle Washing Platforms



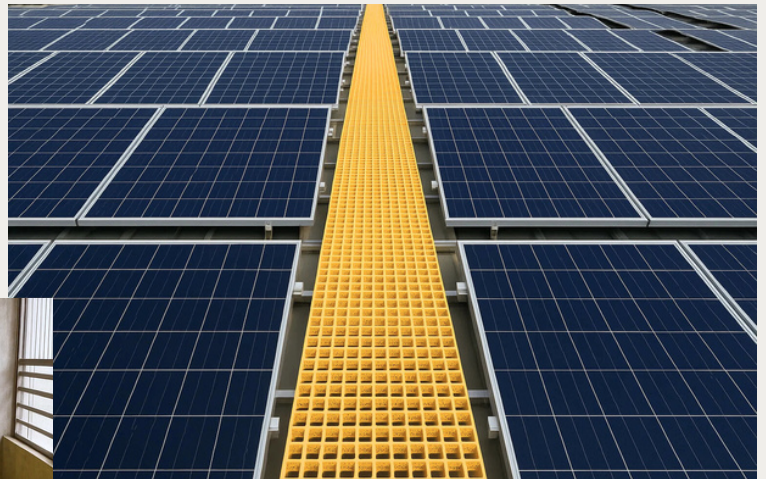
Partition Panels

Application

Square Mesh Type 38 x 38

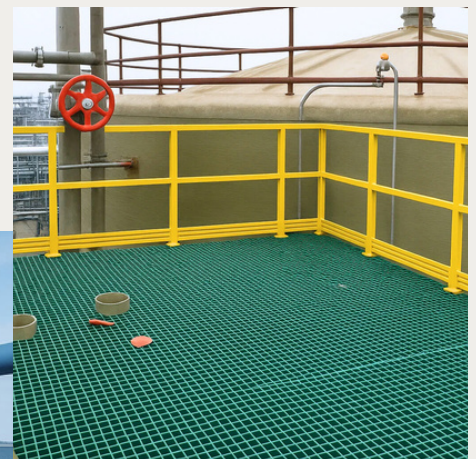
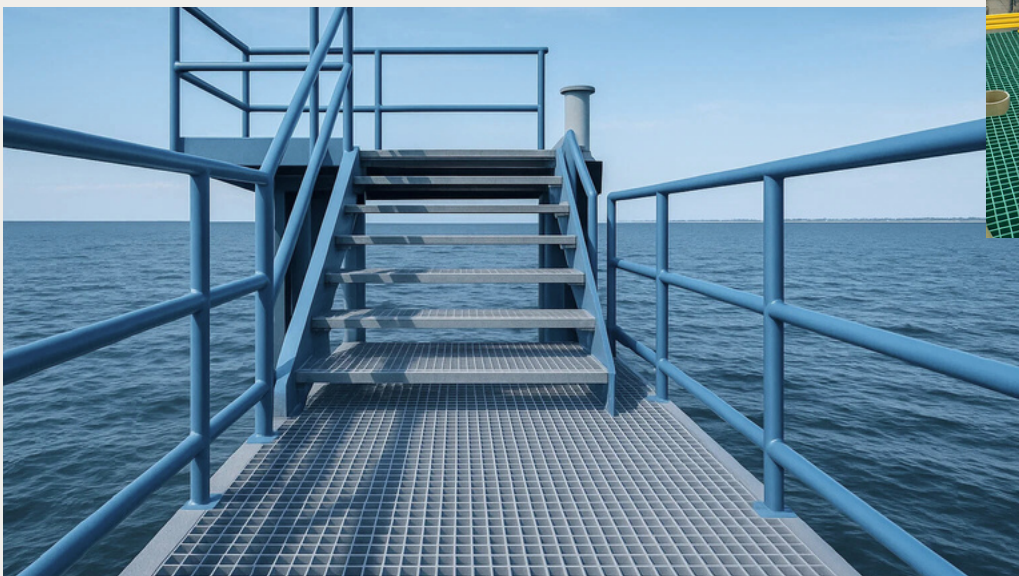


Livestock Platforms



Solar Panel Maintenance Walkways

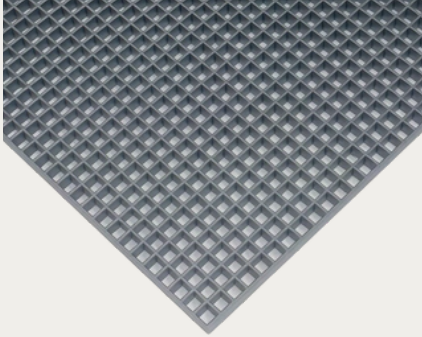
Marine Platforms



Industrial Working Platforms

Application

Square Mesh Type 25 x 25

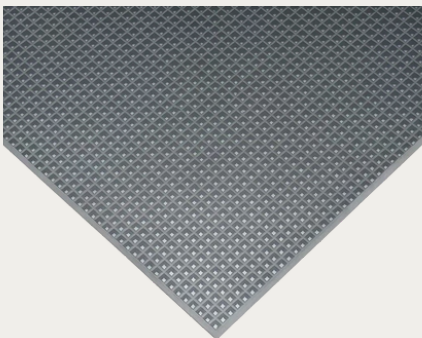


Drainage Grating



Accessible Surfaces

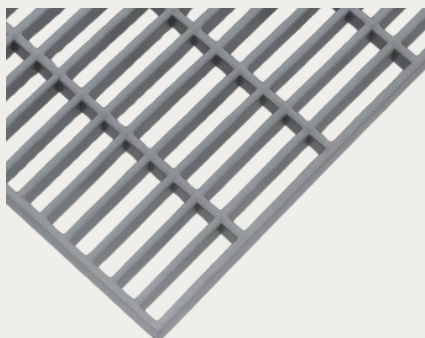
Square Mesh Type 13 x 13



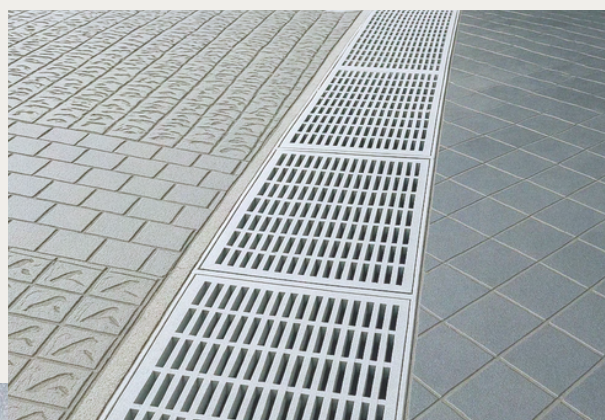
High-Heel Friendly Flooring

Application

Rectangular Mesh Type 13 x 40



Roadway Drainage Covers





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