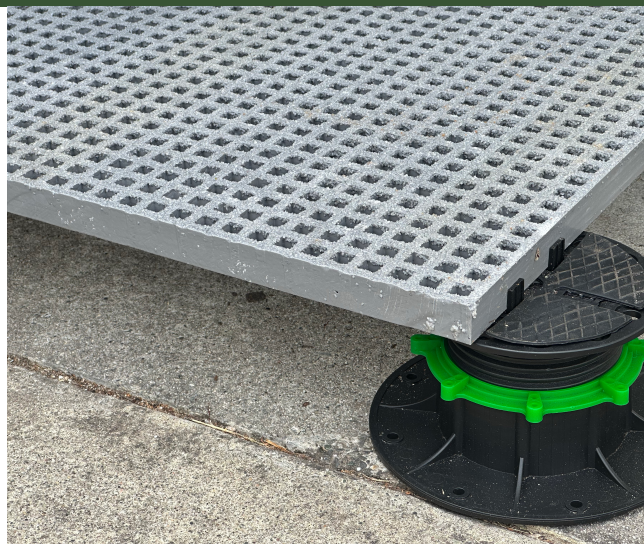




FRP Fiberglass Reinforced Plastic Grates

Product Description/Use:

Raised floors featuring artificial turf, genuine stone or other non weight bearing surfaces require additional substrate support. Our FRP (Fiberglass Reinforced Plastic) panels install **over any of** over our pedestal systems, providing a structural floor to lay turf as well as wood deck tiles, porcelain pavers, concrete pavers or any other exterior floor surface. These lightweight grated panels provide unparalleled performance to allow mixed flooring materials to be used seamlessly in any application including pool surrounds, outdoor terraces, rooftop decks, patios, balconies and other exterior areas. *** FRP grates are waterproof and impervious to prolonged exposure to water moisture. The resin composite will not rot or degrade with prolonged exposure to moisture making them the most lightweight yet durable option.**



Product Details			
Sizes	24"x24"x1"	24"x48"x1"	24"x48"x1.5"
Open Area	3/4"x3/4"	3/4"x3/4"	3/4"x3/4"
Open Area	44%	44%	44%
Surface Texture	Sanded grip	Sanded grip	Smooth
# of Bars/ Ft of Width	8	8	8
Load Bar Width	1/4"	1/4"	1/4"
Load bar Centers	1-1/2"	1-1/2"	1-1/2"
Weight	2.9 lb/SqFt	2.9 lb/SqFt	2.9 lb/SqFt
Additional Specs	Meets Army Corps of Engineers Guidelines		
	ADA Compliant		
	Corrosion Resistant		

Composition Information		
Chemical Component	CAS Number	Percent
Polymerized Resin	None	30%-75%
Fiberglass	65997-17-3	25%-70%
Quartz Silica Sand (Present Within Anti-Slip Gritted Products Only)	14808-60-7	1%
Fire Rating	spread rating < 25	

Uniform Load Table - Deflection in Inches

Clear Span (in)	Depth	LOAD (psf)										Maximum Rec. Load (psf)	Ultimate Load (psf)
		50	65	100	150	200	300	500	1000	2000			
24	1"	0.04	0.05	0.08	0.12	0.16	0.24	0.41	--	--		440	2220
24	1-1/2"	0.02	0.03	0.04	0.06	0.06	0.12	0.21	0.42	--		510	4000
48	1-1/2"	0.28	0.37	--	--	--	--	--	--	--		120	1000