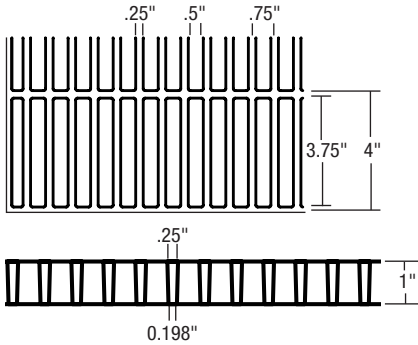




GRATING PACIFIC

ECOGRATE® 62 DETAILS AND LOAD TABLE

ECOGRATE® 62 - 1" Deep, 3/4" x 4" Rectangular Mesh



LOAD BAR WIDTH 1/4" ±
 LOAD BAR CENTERS 3/4"
 CROSS BAR CENTERS 4"
 OPEN AREA 62%
 WEIGHT/SQ. FT. 3.0 LBS.

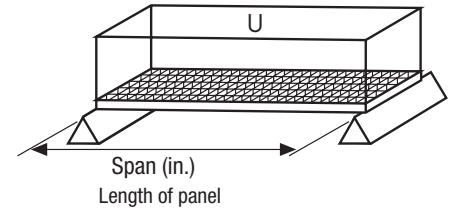


Depth	Mesh	Panel Size	Weight	Resins	Colors
1"	3/4" x 4"	4' x 12'	144#	Corvex	Light Gray Dark Gray

1" Deep, 3/4" x 4" Load Span Table - Uniform Loads

Clear Span (in)	Uniform Load (psf)									Max. Recom. Load (psf)	Ultimate Load (psf)
	50	65	100	150	200	300	500	1000	2000		
12	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.02	0.04	0.08	2800	14040
18	0.01	0.01	0.02	0.03	0.04	0.06	0.10	0.20	0.40	1240	6200
24	0.03	0.04	0.06	0.09	0.12	0.18	0.30	—	—	700	3500
30	0.07	0.10	0.15	0.22	0.30	0.44	—	—	—	440	2200
36	0.15	0.20	0.31	0.46	—	—	—	—	—	310	1500
42	0.28	0.37	—	—	—	—	—	—	—	220	1100
48	0.48	—	—	—	—	—	—	—	—	170	800

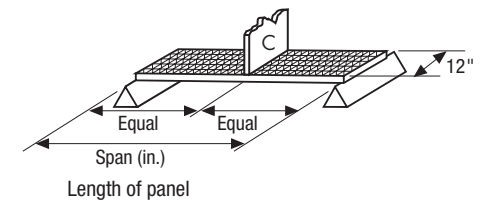
U Uniform load - psf
 U Uniform load deflection (in.)



1" Deep, 3/4" x 4" Load Span Table - Line Loads

Clear Span (in)	Line Load (lb/ft of Width)							Max. Recom. Load (lb/ft)	Ultimate Load (lb/ft)
	50	100	200	300	500	1000	2000		
12	<0.01	<0.01	0.01	0.02	0.03	0.07	0.13	1400	7020
18	0.01	0.02	0.04	0.06	0.11	0.21	0.43	930	4680
24	0.02	0.05	0.10	0.15	0.24	0.48	—	700	3510
30	0.05	0.09	0.19	0.28	0.47	—	—	560	2800
36	0.08	0.16	0.33	0.49	—	—	—	460	2340
42	0.13	0.26	—	—	—	—	—	400	2000
48	0.19	0.39	—	—	—	—	—	3500	1750

C Concentrated line load - lbs/ft of width
 C Concentrated line load deflection (in.)



NOTES:

- All gratings were tested in accordance with the ANSI Standard: FRP Composites Grating Manual for Pultruded and Molded Grating and Stair Treads.
- Maximum Recommended Load represents a 5:1 factor of safety on Ultimate Capacity.