

# SCREENWALL

## INDUSTRIAL SCREENING BUILT TO LAST

When facilities need privacy, security, concealment, noise reduction, shading or enclosure, traditional materials fall short. Screenwall from Bedford delivers a durable fiberglass-reinforced polymer (FRP) solution built for harsh environments and real-world performance — offering long-term reliability and safety that steel, wood and masonry can't match.

### Virtually Maintenance-Free

Won't rust, rot, warp or corrode — even in wet or corrosive environments. Proprietary UV shielding eliminates the need for painting or refinishing.

### Safety Where It Matters Most

Non-conductive FRP reduces risk in high-voltage areas like electrical substations, utilities and data centers.

### Lightweight & Fast to Install

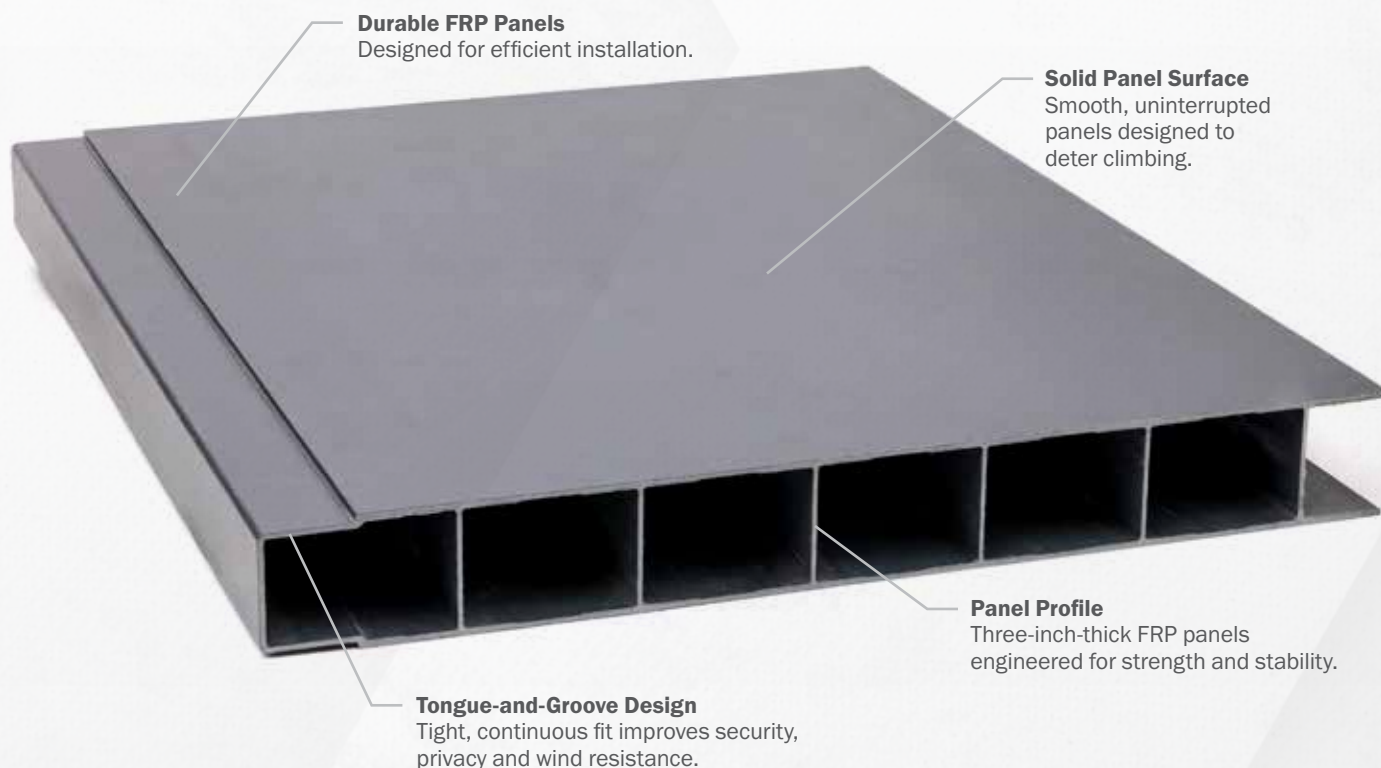
Two-foot-wide, three-inch-thick panels are easy to handle and install without heavy lifting equipment, reducing labor time and improving jobsite safety.

### Engineered for Security & Privacy

Solid panels with tongue-and-groove connections create a continuous barrier with no handholds or footholds, making scaling difficult.

### Clean, Professional Aesthetics

Provides a polished facade to conceal unsightly equipment such as HVAC units, pumps and dumpsters. Comes in standard slate gray, with custom colors offered.



Visit [bedfordreinforced.com](http://bedfordreinforced.com) or call 814-623-8125 for a quote.



# A SMARTER LONG-TERM INVESTMENT.

While wood, steel and masonry require ongoing maintenance and frequent replacement, screenwall is engineered for long-term performance in demanding environments. Its non-conductive, corrosion-resistant FRP construction eliminates rust, rot, repainting and structural degradation — reducing downtime, labor and total cost of ownership over the life of the installation. With the addition of interior insulation, screenwall panels can be configured as soundwall barriers to help reduce equipment and operational noise — ideal for balancing performance and noise control.

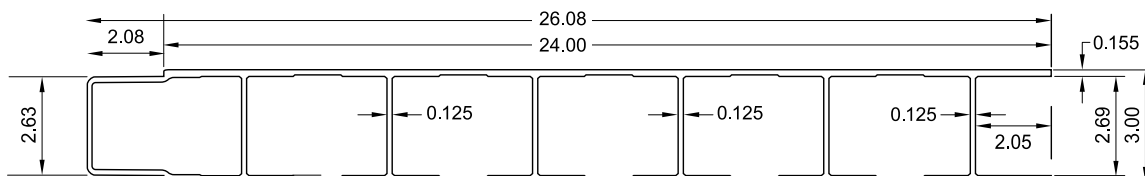


SPAN	DEFLECTION (INCHES)							
	CONCENTRATED LOAD (LBS PER FOOT OF WIDTH)							
	100	150	200	300	400	500	700	1000
4'	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.13
5'	0.02	0.03	0.04	0.06	0.08	0.10	0.15	0.21
6'	0.03	0.05	0.07	0.10	0.14	0.17	0.24	0.34
7'	0.05	0.07	0.10	0.15	0.20	0.24	0.34	0.49
8'	0.07	0.11	0.14	0.21	0.28	0.35	0.50	0.71
9'	0.11	0.16	0.21	0.32	0.42	0.53	0.74	1.05
10'	0.13	0.20	0.26	0.40	0.53	0.66	0.92	
11'	0.17	0.26	0.35	0.52	0.70	0.87	1.22	
12'	0.22	0.34	0.45	0.67	0.90	1.12		
13'	0.28	0.42	0.56	0.84	1.12	1.40		
14'	0.34	0.51	0.68	1.02	1.36			
15'	0.44	0.65	0.87	1.31	1.74			
16'	0.53	0.79	1.06	1.59				
17'	0.63	0.95	1.27	1.90				
18'	0.75	1.13	1.51					
19'	0.89	1.33	1.77					
20'	1.03	1.55	2.07					

DEFLECTION (INCHES)											
SPAN	UNIFORM LOAD (PSF)										
	40	50	60	80	100	125	150	200	250	300	500
4'	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.10	0.17
5'	0.03	0.03	0.04	0.05	0.07	0.08	0.10	0.13	0.16	0.20	0.33
6'	0.05	0.06	0.08	0.10	0.13	0.16	0.19	0.26	0.32	0.38	0.64
7'	0.09	0.10	0.13	0.17	0.21	0.27	0.32	0.43	0.54	0.64	
8'	0.14	0.18	0.21	0.28	0.35	0.44	0.53	0.71	0.88		
9'	0.24	0.30	0.35	0.47	0.59	0.74	0.89				
10'	0.33	0.41	0.49	0.66	0.82	1.03					
11'	0.48	0.60	0.72	0.96	1.20						
12'	0.67	0.84	1.01	1.35							
13'	0.91	1.14	1.37								
14'	1.19	1.49									
15'	1.63										



End caps and top caps provide a clean, finished look and protect panel edges. Corrosion-resistant, stainless-steel hardware is also included.



**BEDFORD REINFORCED PLASTICS: ONE CORPORATE DRIVE, SUITE 106, BEDFORD, PA 15522 USA**

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