



STRONGDEK™

FIBERGLASS ARCHITECTURAL DECKING SYSTEM

EXCLUSIVELY
 **MADE IN THE USA**

- » Easy to Install
- » Hidden Fastening System
- » Rot, Rust and Mildew Resistant
- » Non-Conductive
- » Stronger than Wood or Plastic Lumber
- » Lightweight

STRONGDEK™ is an attractive, low-maintenance fiberglass architectural decking system exclusively Made in the U.S.A. that offers an alternative to traditional decking materials. The panels will not rot, rust, chip or mildew, which make them ideal for high-moisture environments, including saltwater.

STRONGDEK™ panels are designed to connect to form a continuous solid surface utilizing an innovative interlocking design. The deck sections are easily installed with screw-like fasteners that are not visible, creating a smooth, attractive surface.

STRONGDEK™ panels have intermediate ribs on each panel that provide extra stiffness and strength, allowing the deck to perform ideally in areas with pedestrian traffic. An optional grit surface can be added to provide a non-skid surface.

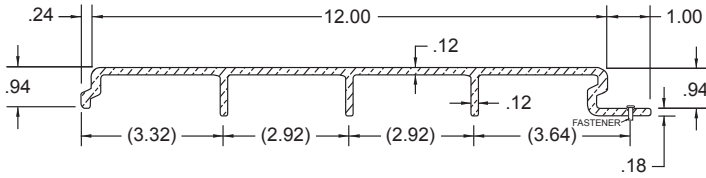
Typical applications include:

- Hotel Recreational Areas
- Homes and Condominiums
- Buildings in Coastal Areas
- Marinas and Docks



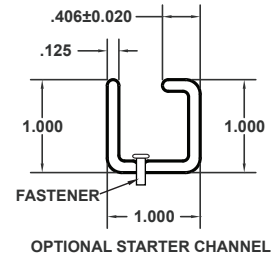
Sizes and Colors

STRONGDEK™ is 12" wide and panels can be produced in any length that is practical. Standard colors are light gray or beige. Panels can be produced with an optional grit surface.



Available Accessories

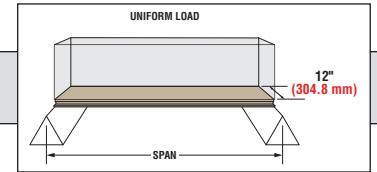
A STRONGDEK™ starter channel can be used to provide a finished look to lengthwise ends, while equal leg angles can be used for end closures and/or cantilever supports.



Uniform Load (Deflection in inches (mm))

LOAD in LB / SQUARE FOOT (PSF) or KG / SQUARE METER (KG/M²) $I_{12} = 0.31 \text{ in.}^4$, wt = 2.2 lb / lin. ft. (gritted) or $I_{12} = 1.29 \times 10^5 \text{ mm}^4$, wt = 3.3 kg / lin. m

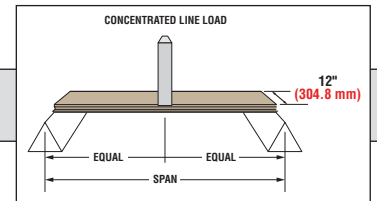
SPAN	50 (2394)	100 (4788)	150 (7182)	200 (9576)	250 (11970)	300 (14364)	350 (16758)	400 (19152)	450 (21546)	500 (23940)	550 (26334)	600 (28728)	650 (31122)
24" 610 mm	0.019 0.488	0.026 0.671	0.034 0.853	0.041 1.036	0.048 1.219	0.054 1.372	0.073 1.859	0.080 2.042	0.086 2.195	0.094 2.377	0.100 2.530	0.107 2.713	0.113 2.865
30" 762 mm	0.032 0.800	0.041 1.029	0.056 1.410	0.069 1.753	0.081 2.057	0.096 2.438	0.117 2.972	0.131 3.315	0.144 3.658	0.155 3.924	0.165 4.191	0.179 4.534	
36" 914 mm	0.047 1.189	0.065 1.646	0.090 2.286	0.115 2.926	0.140 3.566	0.169 4.298	0.207 5.258	0.227 5.761	0.252 6.401				
42" 1067 mm	0.067 1.707	0.101 2.560	0.145 3.680	0.191 4.854	0.239 6.081	0.288 7.308	0.340 8.641	0.365 9.281					
48" 1220 mm	0.096 2.438	0.158 4.023	0.233 5.913	0.310 7.864	0.391 9.936	0.463 11.765							
54" 1372 mm	0.138 3.498	0.246 6.241	0.370 9.395	0.497 12.619	0.626 15.911								



Concentrated Load (Deflection in inches (mm))

LOAD in LB / FOOT of WIDTH or KG / METER of WIDTH $I_{12} = 0.31 \text{ in.}^4$, wt = 2.2 lb / lin. ft. (gritted) or $I_{12} = 1.29 \times 10^5 \text{ mm}^4$, wt = 3.3 kg / lin. m

SPAN	50 (2394)	100 (4788)	150 (7182)	200 (9576)	250 (11970)	300 (14364)	350 (16758)	400 (19152)	450 (21546)	500 (23940)	550 (26334)	600 (28728)	650 (31122)
24" 610 mm	0.016 0.406	0.022 0.559	0.028 0.711	0.034 0.864	0.040 1.016	0.045 1.143	0.061 1.549	0.067 1.702	0.072 1.829	0.078 1.981	0.083 2.108	0.089 2.261	0.094 2.388
30" 762 mm	0.021 0.533	0.027 0.686	0.037 0.940	0.046 1.168	0.054 1.372	0.064 1.626	0.078 1.981	0.087 2.210	0.096 2.438	0.103 2.616	0.11 2.794	0.119 3.023	
36" 914 mm	0.026 0.660	0.036 0.914	0.05 1.270	0.064 1.626	0.078 1.981	0.094 2.388	0.115 2.921	0.126 3.200	0.14 3.556				
42" 1067 mm	0.032 0.813	0.048 1.219	0.069 1.753	0.091 2.311	0.114 2.896	0.137 3.480	0.162 4.115	0.174 4.420					
48" 1220 mm	0.04 1.016	0.066 1.676	0.097 2.464	0.129 3.277	0.163 4.140	0.193 4.902							
54" 1372 mm	0.051 1.295	0.091 2.311	0.137 3.480	0.184 4.674	0.232 5.893								



STRONGDEK™ panels were attached to beams with Tek screws and tested in a multi-panel configuration. This data was used to create the STRONGDEK™ load table above for a single panel.



ISO-9001 Quality Certified Manufacturing Plants

BRISTOL LOCATION

400 Commonwealth Ave., P.O. Box 580, Bristol, VA 24203-0580 USA
(276)645-8000

CHATFIELD LOCATION

1610 Highway 52 South, Chatfield, MN 55923-9799 USA
(507)867-3479

www.strongwell.com

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