



# 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

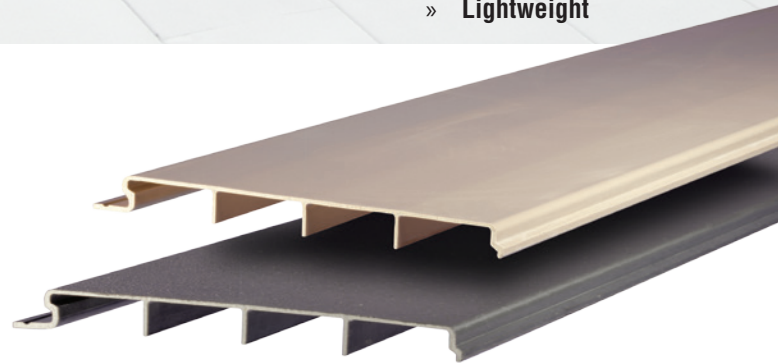
STRONGDEK™ is an attractive, low-maintenance fiberglass architectural decking system exclusively Made in the U.S.A. that offers an alternative to traditional decking materials. The panels will not rot, rust, chip or mildew, which make them ideal for high-moisture environments, including saltwater.

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.

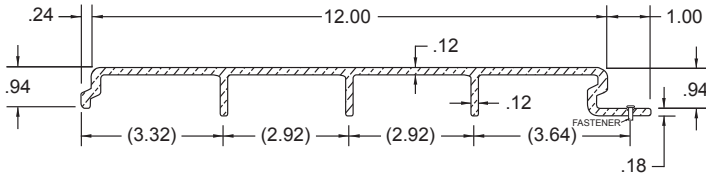
Typical applications include:

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



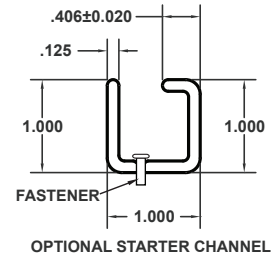
## Sizes and Colors

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

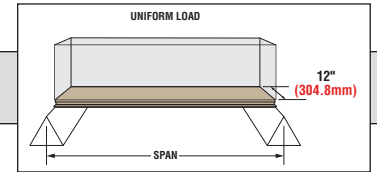
A STRONGDEK™ starter channel can be used to provide a finished look to lengthwise ends, while equal leg angles can be used for end closures and/or cantilever supports.



## Uniform Load (Deflection in inches (mm))

LOAD in LB / SQUARE FOOT (PSF) or KG / SQUARE METER (KG/M<sup>2</sup>)  $I_{12} = 0.31 \text{ in.}^4$ , wt = 2.2 lb / lin. ft. (gritted) or  $I_{12} = 1.29 \times 10^5 \text{ mm}^4$ , wt = 3.3 kg / lin. m

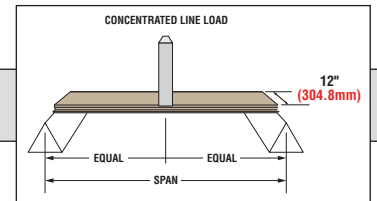
SPAN	50 (244)	100 (488)	150 (732)	200 (976)	250 (1221)	300 (1465)	350 (1709)	400 (1953)	450 (2197)	500 (2441)	550 (2685)	600 (2929)	650 (3174)
<b>24"</b> <b>610mm</b>	0.019 0.488	0.026 0.671	0.034 0.853	0.041 1.036	0.048 1.219	0.054 1.372	0.073 1.859	0.080 2.042	0.086 2.195	0.094 2.377	0.100 2.530	0.107 2.713	0.113 2.865
<b>30"</b> <b>762mm</b>	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	
<b>36"</b> <b>914mm</b>	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				
<b>42"</b> <b>1067mm</b>	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					
<b>48"</b> <b>1220mm</b>	0.096 2.438	0.158 4.023	0.233 5.913	0.310 7.864	0.391 9.936	0.463 11.765							
<b>54"</b> <b>1372mm</b>	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 (74)	100 (149)	150 (223)	200 (298)	250 (372)	300 (446)	350 (521)	400 (595)	450 (670)	500 (744)	550 (818)	600 (893)	650 (967)
<b>24"</b> <b>610mm</b>	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
<b>30"</b> <b>762mm</b>	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	0.110 2.794	0.119 3.023	
<b>36"</b> <b>914mm</b>	0.026 0.660	0.036 0.914	0.050 1.270	0.064 1.626	0.078 1.981	0.094 2.388	0.115 2.921	0.126 3.200	0.140 3.556				
<b>42"</b> <b>1067mm</b>	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					
<b>48"</b> <b>1220mm</b>	0.040 1.016	0.066 1.676	0.097 2.464	0.129 3.277	0.163 4.140	0.193 4.902							
<b>54"</b> <b>1372mm</b>	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., Bristol, VA 24201 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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