

Fiberglass Decking Solutions

FasDek™ is Fastec International's Fiberglass Decking solution. Manufactured in Fastec's engineer approved facility using the highest quality resins and meeting CTI Standard 137 and 152.

FasDek™ Fiberglass Deck Panels are easily installed with simple carpenter tools, and lightweight, saving on installation costs. Panels do not rot or corrode, so they will last for years.

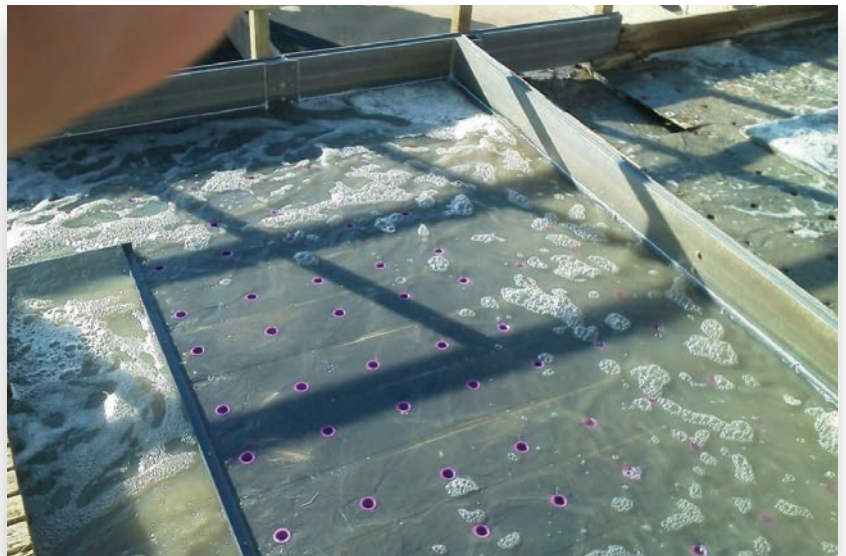
Fiberglass decking does not warp over time, and does not retain water. Fiberglass is the material of choice across the world for cooling tower construction, because of its ability to withstand enormous amounts of water without deteriorating or leaching over time. If the old plywood decking is rotted, why replace it with the same thing?

Choose **FasDek™** for the ultimate in safety, with a no-slip, true four-part epoxy surface, and rugged, industrial performance.



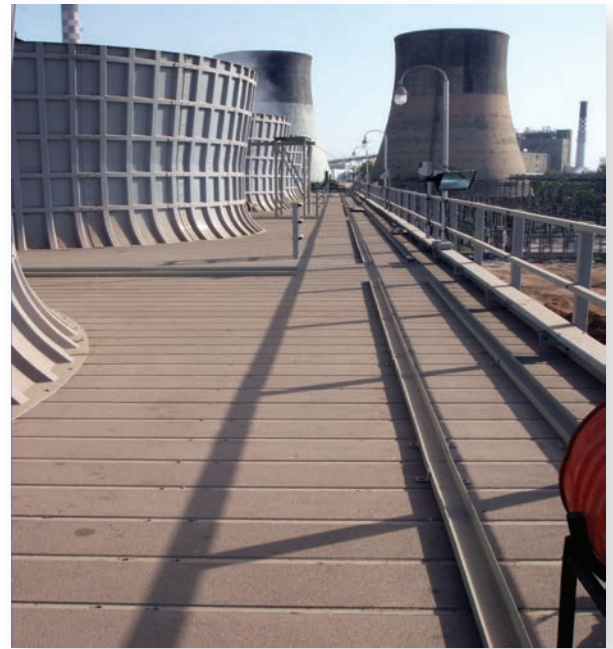
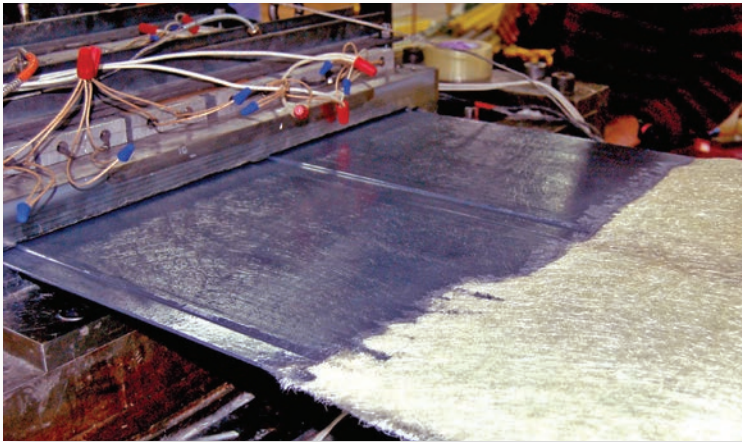
Benefits of FasDek Fiberglass Decking

- Corrosion & Rot Resistant
- Strong
- Light Weight
- Simple Ship-Lap Connection System
- Easy & Fast to Install
- Low Maintenance
- Non Sparking
- Low in Conductivity
- Fire Retardant
- Meets ASTM D635 & E-84
- True Epoxy Slip Resistance

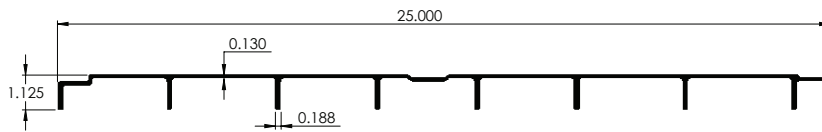


Manufacturing Top Quality Fiberglass Decking

All Fastec pultruded fiberglass products are made with high quality materials. The glass is pulled through a pultrusion process, where it is then heated and soaked in resin. **FasDek™** can be pulled to whatever length is needed. *Made in North America.*



FasDek™ Dimensions



FasDek™ Load/Deflection Table Based on Simple Beam/Simple Span

SPAN		24" FasDek™							
		I=0.4532 in. ⁴ , wt = 4.212 lb/ lin. ft. (non-gritted), S=0.525 in. ³							
		20 lb	40 lb	60 lb	80 lb	100 lb	120 lb	150 lb	200 lb
24" 610mm	ΔU	0.0056	0.0144	0.0206	0.0305	0.0406	0.0498	0.0619	0.0888
		<i>0.142</i>	<i>0.366</i>	<i>0.523</i>	<i>0.775</i>	<i>1.031</i>	<i>1.265</i>	<i>1.572</i>	<i>2.256</i>
24" 610mm	ΔC	0.0045	0.0115	0.0165	0.0244	0.0325	0.0398	0.0495	0.0710
		<i>0.114</i>	<i>0.292</i>	<i>0.419</i>	<i>0.620</i>	<i>0.826</i>	<i>1.011</i>	<i>1.257</i>	<i>1.803</i>
36" 914mm	ΔU	0.0167	0.0420	0.0667	0.0923	0.1191	0.1464	0.1821	0.2454
		<i>0.424</i>	<i>1.067</i>	<i>1.694</i>	<i>2.344</i>	<i>3.025</i>	<i>3.719</i>	<i>4.625</i>	<i>6.233</i>
36" 914mm	ΔC	0.0089	0.0224	0.0355	0.0492	0.0635	0.0781	0.0971	0.1309
		<i>0.226</i>	<i>0.569</i>	<i>0.902</i>	<i>1.250</i>	<i>1.613</i>	<i>1.984</i>	<i>2.466</i>	<i>3.325</i>
48" 1219mm	ΔU	0.0585	0.1205	0.1903	0.2563	0.3310	0.3958	0.5065	0.7088
		<i>1.486</i>	<i>3.061</i>	<i>4.834</i>	<i>6.510</i>	<i>8.407</i>	<i>10.053</i>	<i>12.865</i>	<i>18.004</i>
48" 1219mm	ΔC	0.0234	0.0482	0.0761	0.1025	0.1324	0.1583	0.2026	0.2832
		<i>0.594</i>	<i>1.224</i>	<i>1.933</i>	<i>2.604</i>	<i>3.363</i>	<i>4.021</i>	<i>5.146</i>	<i>7.193</i>
60" 1524mm	ΔU	0.1145	0.2461	0.3841	0.4975	0.6713	0.8247	1.0428	1.4128
		<i>2.908</i>	<i>6.251</i>	<i>9.756</i>	<i>12.637</i>	<i>17.051</i>	<i>20.947</i>	<i>26.487</i>	<i>35.885</i>
60" 1524mm	ΔC	0.0367	0.0788	0.1230	0.1592	0.2148	0.2639	0.3337	0.4521
		<i>0.931</i>	<i>2.000</i>	<i>3.124</i>	<i>4.044</i>	<i>5.456</i>	<i>6.703</i>	<i>8.476</i>	<i>11.483</i>

ΔU - Deflection for Uniform Load (In. = bold, mm = blue italic)
 ΔC - Deflection for Concentrated Load (In. = bold, mm = blue italic)
 LOAD - Lbs./Ft² for Uniform load, or Lbs. across width of deck for Concentrated Load

Specifications

Resin: Polyester Fire Retardant that Meets ASTM E-84 and D635. Other Resin Systems Available Upon Request.

Surface: Epoxy Gritted, or Smooth

Color: Dark Grey. Other Colors Available Upon Request.

Standard Lengths: 20', 24', 30'. Custom Lengths Available.



FasDek™ fiberglass decking solution meets CTI Standard 137 and 152.