Strongwell combines superior raw materials, composite design, and the pultrusion process to manufacture DURADEK® and DURAGRID® - the highest quality pultruded fiberglass grating available.

**Strongwell pultruded grating offers superior:**

- **IMPACT RESISTANCE** - High ultimate strength prevents impact damage
- **CORROSION RESISTANCE** - Resists most acids, caustics and salts
- **SAFETY** - Low electrical conductivity, non-skid surface

In addition, DURADEK® / DURAGRID® are:

- **VERSATILE**
- **EASILY FIELD FABRICATED**
- **FIRE RETARDANT** - Meets requirements of Class 1 rating of 25 or less per ASTM E-84 and the self-extinguishing requirement of ASTM D-635
- **LIGHTWEIGHT** - 20-25% lighter than aluminum

DURADEK® and DURAGRID® contain UV INHIBITORS.

For more Strongwell pultruded grating design information, visit www.strongwell.com/designmanual for the online Strongwell Design Manual.

Are DURADEK® or DURAGRID® the best grating choices to meet the requirements of your application? Turn over to compare the features of Strongwell fiberglass pultruded grating and aluminum grating!
### DURADEK® / DURAGRID® PULTRUDED GRATING vs. ALUMINUM GRATING

#### STRENGTH COMPARISON
<table>
<thead>
<tr>
<th>DURADEK® I-6500 1-1/2&quot;, 1.71&quot; on center</th>
<th>3/16&quot; x 1-1/2&quot; Bar, 1-3/16&quot; on center</th>
</tr>
</thead>
<tbody>
<tr>
<td>48&quot; Span, Ultimate Load = 1784 PSF</td>
<td>48&quot; Span, Ultimate Load = 774 PSF</td>
</tr>
<tr>
<td>DURADEK® has a higher ultimate load carrying capacity and is 20-25% lighter than aluminum.</td>
<td></td>
</tr>
</tbody>
</table>

#### IMPACT RESISTANCE
| Glass mat in Strongwell pultruded grating distributes impact load to prevent surface damage even in sub-zero temperatures. Will not permanently deform. Stays flat for the life of the product. | Will permanently deform under impact. Takes a permanent set (dishing) in trench applications due to overloading. |

#### CORROSION RESISTANCE
| Strongwell pultruded grating is resistant to corrosion caused by a broad range of acids, caustics and salts. | Corrosion resistant to only a narrow range of chemicals. Can cause galvanic corrosion. |

#### SAFETY
| Strongwell pultruded grating has a round silica grit bonded to the surface of bearing bars for non-skid safety. Low in electrical and thermal conductivity. | Flat bars are not skid resistant or only skid resistant in one direction. Grounding potential around electrical equipment. |

#### VERSATILITY
| Strongwell pultruded grating can be purchased in a safety yellow or gray with the resin pigmented throughout the bar. No painting required. Custom colors are also available. | Only one color. Expensive anodizing is required to achieve other colors. |

#### EASY FIELD FABRICATION
| Strongwell pultruded grating can be field fabricated with simple carpenter tools, is easy to cut and is lighter than aluminum. | Requires special blades and is harder to cut. |

#### BANDING
| DURADEK® and DURAGRID® do not leave a sharp edge when cut. The bars will not bend or deform in the lateral direction; therefore, Strongwell pultruded grating does not need to be banded. | Cutting a rectangular aluminum bar leaves sharp edges. The flat bars will bend and deform easily in the lateral direction; therefore, aluminum grating should be banded. |

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**THE CHOICE!**

**DURADEK® / DURAGRID® High Strength, Pultruded Fiberglass Grating!**

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