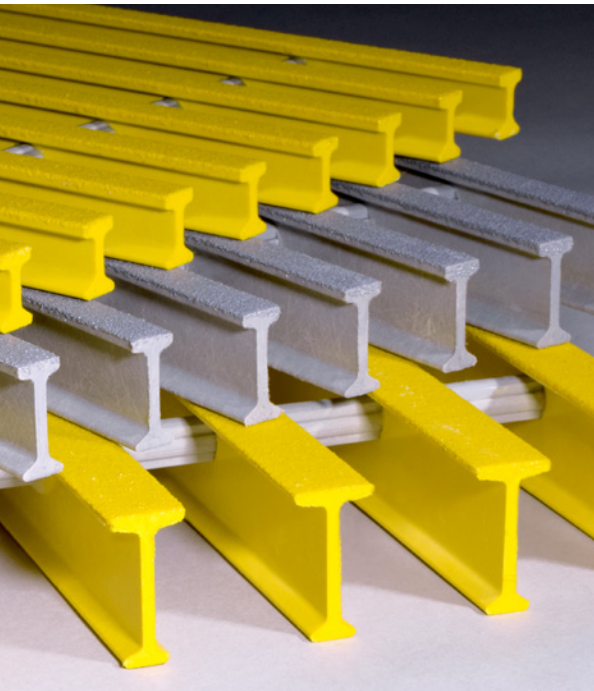
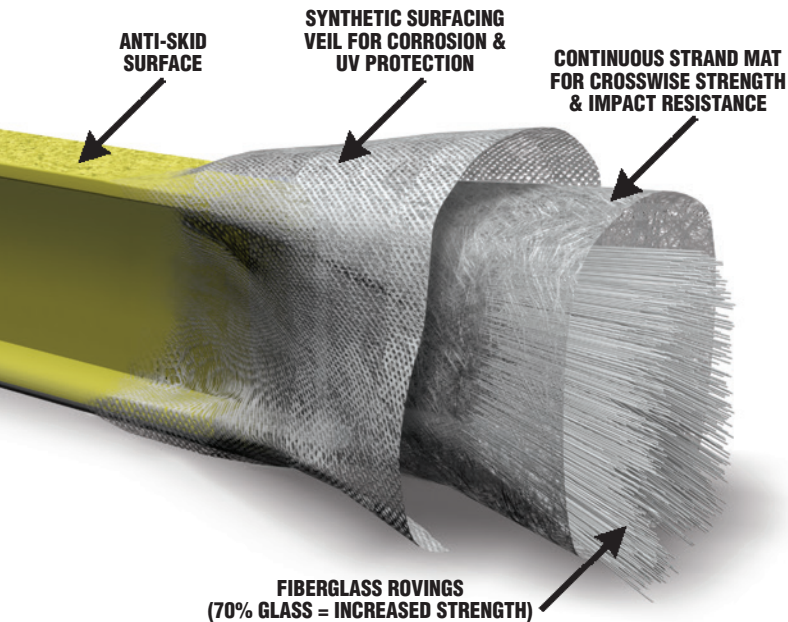


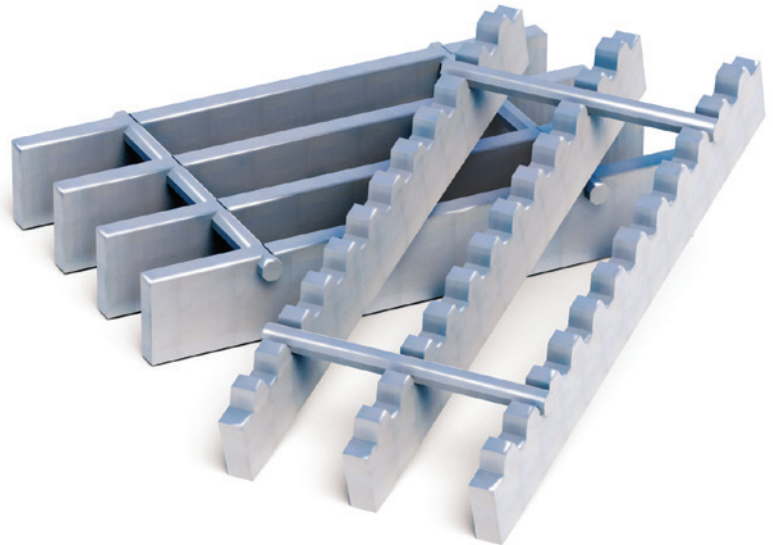
DURADEK® / DURAGRID® PULTRUDED GRATING



STEEL GRATING

**CORRODES EASILY AND
REQUIRES CONTINUED
MAINTENANCE**

**STEEL GRATING WILL
PERMANENTLY DEFORM
UNDER IMPACT**



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** - 1/3 the weight of steel

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 steel grating!***

**DURADEK® / DURAGRID®
PULTRUDED GRATING**

VS. STEEL GRATING

STRENGTH COMPARISON	DURADEK® I-6500 1-1/2", 1.71" on center 48" Span, Ultimate Load = 1784 PSF DURADEK® has a higher ultimate load carrying capacity.	3/16" x 1-1/2" Bar, 1-3/16" o.c. 48" Span, Ultimate Load = 1160 PSF
WEIGHT COMPARISON	DURADEK® I-6500, 1-1/2" 2.7 PSF	3/16" x 1-1/2" Bar, 1-3/16" o.c. 11.0 PSF
IMPACT RESISTANCE	Glass mat in Strongwell pultruded grating distributes impact load to prevent surface damage even under 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. Requires no painting or galvanizing.	Will rust even from water. Can cause galvanic corrosion. Requires painting or galvanizing for many applications.
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.	Non-serrated 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.	Grating must be painted for color. To maintain color and corrosion resistance, repainting may be required.
EASY FIELD FABRICATION	Strongwell pultruded grating can be field fabricated with simple carpenter tools, is easy to cut and is much easier to move and place because it is lightweight.	Requires special blades, torch, harder to cut. Requires lifting equipment to move and place.
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 steel bar leaves sharp edges. The flat bars will bend and deform in the lateral direction; therefore, steel grating should be banded.

THE CHOICE!

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



STRONGWELL

ISO-9001 Quality Certified Manufacturing Plants

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CHATFIELD LOCATION*

1610 Highway 52 South
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(507) 867-3479

*DURADEK® / DURAGRID® manufacturing location

www.strongwell.com

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