

# STRONGWELL

## APPLICATION PROFILE



### DURADEK® RESISTS CORROSION, IMPACT AND MATERIAL FATIGUE IN BREWERY

Since 1983, over 10,000 square feet of DURADEK® fiberglass grating has replaced other fiberglass and steel grating at the Anheuser Busch Inc., Williamsburg Brewery in Williamsburg, Virginia. Problems with chipped grating, corrosion and material fatigue from heavy pedestrian traffic experienced with the other materials was eliminated with the DURADEK® I-6000 1" fiberglass grating.

Used on raised platforms that surround equipment on the process and packaging lines of the brewery, DURADEK® is resistant to the standing water and chemicals that caused corrosion of metal grating in these areas. Constant pedestrian traffic caused grating systems that were glued together to wear out from material fatigue. Unlike glued grating, DURADEK® is mechanically locked and chemically bonded to the web of each bearing bar, therefore withstanding material fatigue from intense pedestrian traffic.

Other features of importance to this application are that DURADEK® has good impact resistance, does not chip when product or tools are dropped on it, and offers design flexibility on irregularly shaped platforms. Because DURADEK® cross rods are 6" instead of 12" on center, DURADEK® can be cut to fit odd shapes and retain its structural integrity.

Many DURADEK® expansions have taken place at the Williamsburg Brewery and the grating has been in constant service without major problems.

According to management at Anheuser Busch in Williamsburg, the DURADEK® is holding up well, doesn't chip, is durable and can handle the intense foot traffic. In addition, DURADEK® met some special requirements of the job, such as custom charcoal color and irregular shaped platforms.



### TECHNICAL DATA

Product:	Raised Platforms
Process:	Pultrusion
Materials:	Fiberglass reinforced polyester, fire retardant, special dark gray pigment
Sizes:	DURADEK® I-6000 1" Grating
For:	Anheuser Busch, Inc.



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