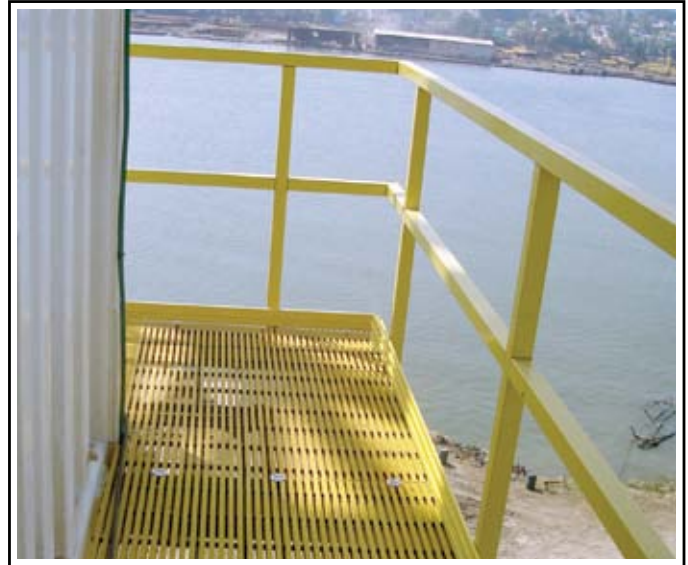
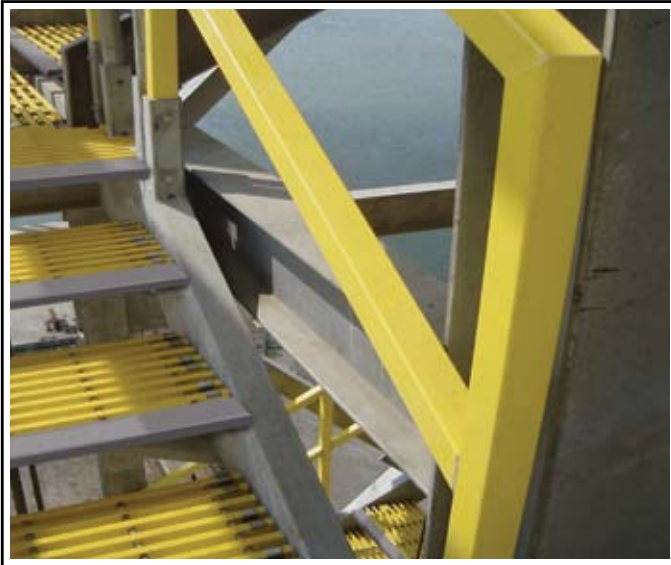


# STRONGWELL®

## APPLICATION PROFILE



### FIBERGLASS GRATING & HANDRAIL SAFE CHOICE FOR OFFSHORE LIVING QUARTERS PLATFORM

PEMEX, Mexico's state-owned petroleum company, recently selected Strongwell's fiberglass grating and handrail for the company's new offshore living quarters platform, Cayo Arcas.

Major factors for PEMEX's selection of fiberglass involved safety, corrosion resistance, weight and difficulty of installation.

Strongwell's two inch, square, SAFRAIL™ industrial handrail and DURADEK® fiberglass grating were the products of choice. SAFRAIL™ and DURADEK® are ideal replacements for steel or aluminum in corrosive environments or anywhere frequent grating and handrail maintenance costs are unacceptable. SAFRAIL™ handrail is standard in safety yellow, while the DURADEK® grating was pigmented to match. DURADEK® I-6000 was installed in the stairwells, while DURADEK® I-4000 covered the perimeter walkways. Both gratings were one and one half inch deep.



Both SAFRAIL™ and DURADEK® are pultruded with fire-retardant polyester resin and are low in thermal and electrical conductivity, key factors when considering the products were installed on the living quarter decks.

Each fiberglass product exhibits unequal corrosion resistance in conditions like that found in the offshore, salt-water environment. The fiberglass handrail and grating is also very light in weight. Strongwell's Mexico distributor, Moix International, was able to fabricate and install the fiberglass products on time. In addition, SAFRAIL™ and DURADEK® provide savings on labor and maintenance, resulting in long-term savings and the elimination of cost and inconvenience of downtime for repairs.

### TECHNICAL DATA

Product:	Offshore Platform Handrail and Grating
Process:	Pultrusion, Fiberglass Fabrication
Materials:	SAFRAIL™ Fiberglass reinforced vinyl ester handrail DURADEK® Fiberglass reinforced vinyl ester grating
Sizes:	SAFRAIL™ 2" x 2" x 5/32" square tube DURADEK® I-6000 1-1/2" grating DURADEK® I-4000 1-1/2" grating
For:	PEMEX



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## APPLICATION PROFILE 837

### OFFSHORE PLATFORM HANDRAIL & GRATING

