

# STRONGWELL®

## APPLICATION PROFILE



### AFTER 7 YEARS, FIRST INSTALLATION OF ROUND SAFRAIL™ CONTINUES TO RESIST CORROSION

In 2002, Fort Lauderdale, Florida received the very first installation of Strongwell's round SAFRAIL™ industrial handrail system. The SAFRAIL™ was added to a fender system located below the city's 17th Street Bridge. A strong, corrosion resistant handrail system was required for workers' safety while inspecting the fenders.

A round SAFRAIL™ fiberglass handrail system is ideal for any high traffic area where handrail is needed. The round rails are easy to grip and 90° molded corners eliminate sharp edges. The handrail system meets OSHA strength requirements with a 2:1 factor of safety with five foot maximum post spacing.

In addition to strength and safety precautions, SAFRAIL™ fiberglass handrail was selected because of the product's excellent resistance to salt water. After seven years of exposure to the Florida sun and the Atlantic Ocean, the photos shown here, taken in January of 2009, demonstrate the durability of the fiberglass system.

Barnes Industrial Plastic Piping Inc., Miami branch, the Strongwell distributor on the project, reports the customer was pleased with the fiberglass application and all requirements of the handrail were and continue to be met with satisfaction.



### TECHNICAL DATA

Product:	Fender Handrail System
Process:	Pultrusion, Fiberglass Fabrication
Materials:	SAFRAIL™ Fiberglass reinforced vinyl ester handrail
Sizes:	1.9" diameter round
For:	Barnes Industrial Plastic Piping, Inc., Miami branch



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