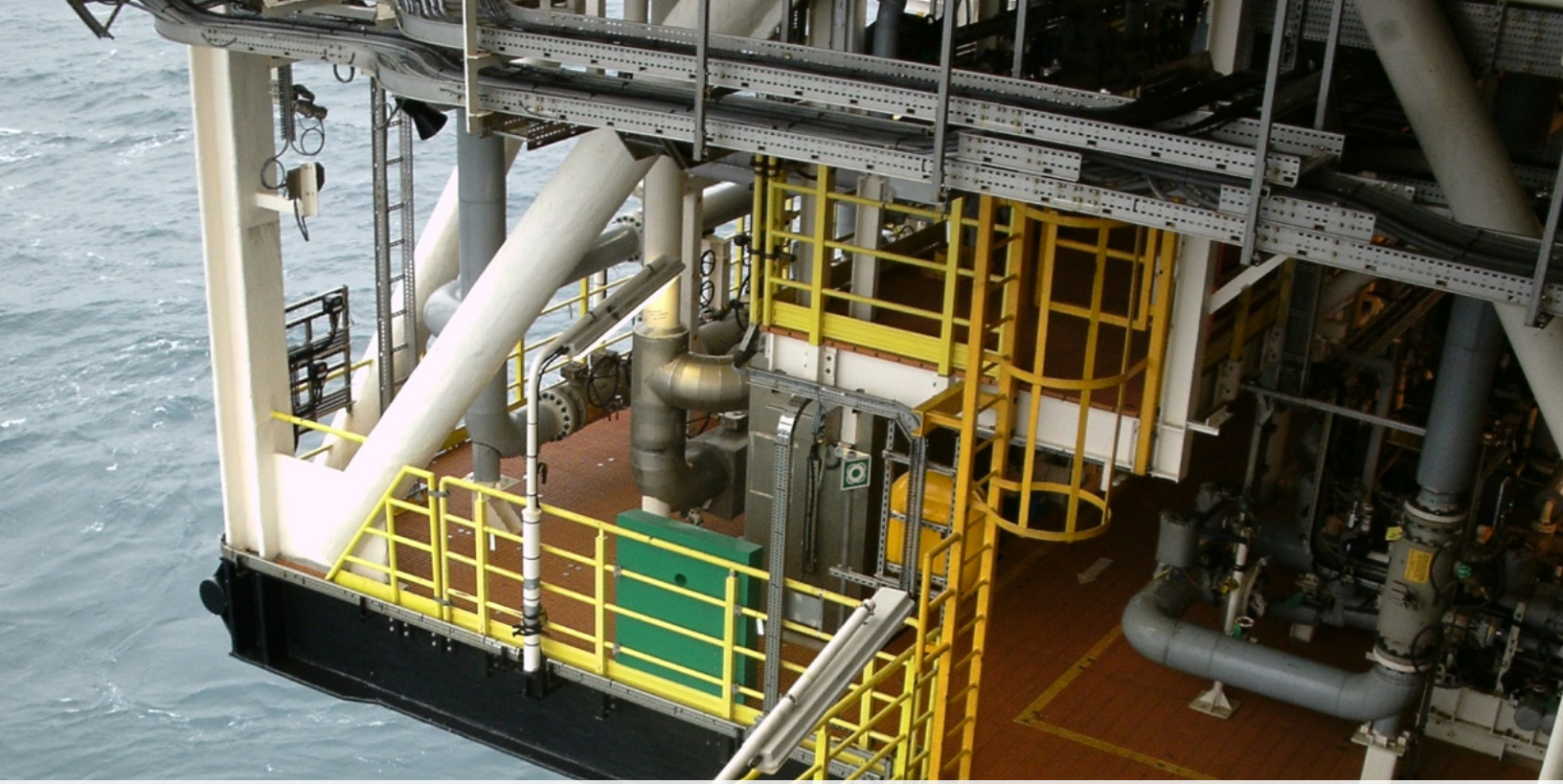


STRONGWELL®

EXCLUSIVELY MADE IN THE USA

OIL & GAS MARKET

FIBERGLASS STRUCTURES & SYSTEMS

- » Light Weight
- » Easy Installation
- » Low Maintenance
- » Sustainable
- » Low Life-Cycle Costs

DURAGRID® Phenolic Fire Integrity Grating
(Full qualification to ASTM F3059)

DURADEK® / DURAGRID® Pultruded Grating

DURAGRATE® Molded Grating

EXTREN® Structural Shapes & Plate

SAFRAIL™ Industrial Railing Systems

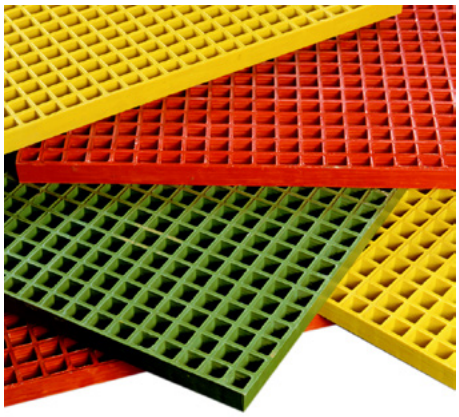
SAFRAIL™ Ladder & Cage Systems

DURASHIELD® Foam Core Building Panels

COMPOSOLITE® Structural Building Panel System

OIL & GAS PRODUCTS

Ellen Platform



DURAGRID® Phenolic Fire Integrity Composite Grating

DURAGRID® Phenolic is a lightweight fire integrity pultruded grating that offers superior corrosion resistance for improved life-cycle costs while having long term safety benefits of fire resistance with very low smoke density and IMO acceptable levels of toxicity. DURAGRID® Phenolic grating is the ideal replacement for traditional metal gratings in an offshore environment.

Applications: walkways, stair treads, USCG Level 2 & 3 access areas

DURADEK® / DURAGRID® Pultruded Grating

DURADEK® and DURAGRID® are high strength pultruded bar type gratings that can be designed and used like traditional metal grates but have the inherent benefits of fiberglass. These products are ideal replacements for steel or aluminum gratings in corrosive environments or anywhere frequent grating and walkway replacement costs are unacceptable. Shown above (middle) is DURAGRID® on the Ellen Platform, installed in 1979 and still in service as of 2020. After 40 years of offshore service, a section of this grating was recently tested and found to ***exceed the ultimate strength of today's new steel bar grating***.

Applications: walkways, stair treads, general access areas, mud tanks

DURAGRATE® Molded Grating

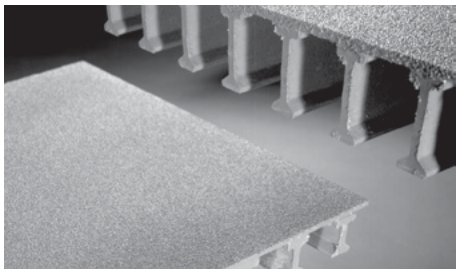
While molded grating is the chemical resistant flooring choice for many applications, DURAGRATE® offers performance and quality superior to imported suppliers. The high resin content provides excellent corrosion resistance and requires very little maintenance. Available in several sizes and thicknesses including Mini Mesh.

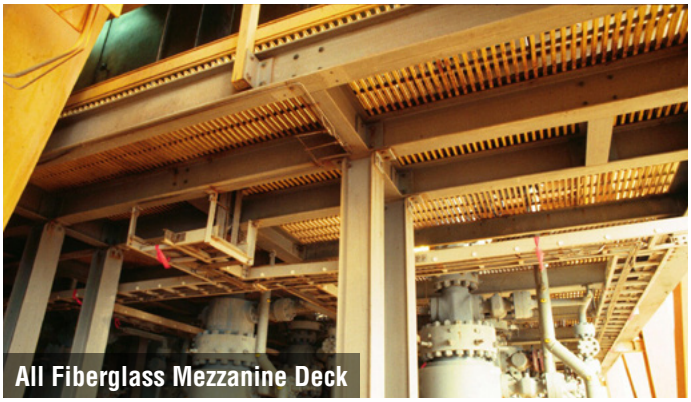
Applications: walkways, stair treads

SAFPLATE® Gritted Plate

SAFPLATE® gritted plate is a tough, corrosion resistant floor plate available as solid plate or bonded to pultruded or molded grating. Available with medium grit in 4' x 8' panels in thicknesses ranging from 1/8" to 1".

Applications: walkways, windwalls, decks, mud tank covers




All Fiberglass Mezzanine Deck

EXTREN® Structural Shapes & Plate

EXTREN® is the registered trade name for the 100+ standard pultruded fiberglass structural shapes made by Strongwell. EXTREN® offers the desirable advantages of being lightweight, high strength, corrosion resistant, dimensionally stable, and low maintenance compared to traditional materials.

Applications: structures, support systems, platforms, stairways

Courtesy of Pipex px® (a division of FGS / NOV)

Phenolic Structures

Sustainable composite solutions for weight savings, ease of installation, reduced maintenance, and improves fire and smoke properties. This access platform (installed in the North Sea UK sector), designed and fabricated by Pipex px®, is produced entirely out of phenolic products, and incorporates MARRS® OFFSHORE handrails.

OIL & GAS PRODUCTS

SAFRAIL™ Industrial Railing Systems

SAFRAIL™ industrial railing systems are offered in round, square, and channel-top rail profiles made using polyester, vinyl ester, or phenolic resin systems. Various connection options and numerous custom configurations make SAFRAIL™ one of the most versatile and durable railing systems available. SAFRAIL™ is Type Approved by the American Bureau of Shipping.

Applications: walkways, stairs, platforms

SAFRAIL™ Ladder and Cage Systems

SAFRAIL™ fiberglass ladders and ladder cages are a common sight in a wide range of industries. Fiberglass ladder and ladder cage systems have proven themselves since the 1950's in corrosive environments. SAFRAIL™ ladders and cages typically outlast aluminum and steel and require little or no maintenance.

Applications: wall mount ladders, base/floor mount ladders, walk-throughs with returns, side mount cages, inside hall columns

Installation Support Items

FRP pipesleeves, kickplates, and penetration plates provide the simplest procedure for working with drop-through protection on an offshore grating installation. These products are lightweight, totally maintenance free and are easily installed in a matter of seconds by mechanical or adhesive methods.

DURASHIELD® Foam Core Panels

DURASHIELD® is a tongue-and-groove fiberglass pultruded panel comprised of a pultruded skin over a foam core. The core material is rigid closed-cell urethane foam which provides an insulation "R" factor of 5 (1" panel) and 17 (3" panel). DURASHIELD® is excellent for harsh (cold) environments and has been tested to -60°C.

Applications: fixed or portable buildings, walkways, cladding, insulated enclosures, valve boxes

COMPOSOLITE® Structural Building Panel System

COMPOSOLITE® is an advanced composite building panel system for structural applications. Interlocking components make it possible to design fiberglass structures at significantly lower costs for a broad range of applications. Shown above is COMPOSOLITE® used as light weight cladding/windwall for the mobile midship tower on a rock layer vessel.

Applications: buildings, enclosure systems, platforms, walkways, tank covers, cellular enclosures, weather walls

ALL MAJOR OIL & GAS AREAS SERVED

FIXED PRODUCTION

SUSTAINABLE COMPOSITE SOLUTIONS FOR:
REDUCED MAINTENANCE • WORKER SAFETY • WEIGHT SAVINGS

Topside Production • Wellhead Access • Jacket / Boat Landing
Platform Bridges • Hop Ups • Sunshades • Weather Protection

DRILLING

SUSTAINABLE COMPOSITE SOLUTIONS FOR:
REDUCED MAINTENANCE • WORKER SAFETY • WEIGHT SAVINGS

Blow Out Preventers • Shaker Access • Windwalls • Parts Room Racks
Ceilings & Flooring • Pre-load Tanks • Cranes • Mud Pits • Thruster Rooms

DEEPWATER

SUSTAINABLE COMPOSITE SOLUTIONS FOR:
REDUCED MAINTENANCE • WORKER SAFETY • WEIGHT SAVINGS

Cantilever / Hanging Structures • Wellbay / Tie Backs • Hull Applications
Grating for Safe Haven and Lifeboat Embarkation • Weather Protection

HARSH ENVIRONMENTS

SUSTAINABLE COMPOSITE SOLUTIONS FOR:
REDUCED MAINTENANCE • WORKER SAFETY • WEIGHT SAVINGS

Safety Shelters • Utility Buildings • Thermal Breaks • Valve / Wellhead Covers • Windwalls
Ice Road Mats • Pilings for Buildings and Walkways • Docks / Piers • Derrick Cladding

Strongwell is proud that many of its products bear the approval of numerous certifying agencies, including:

Strongwell oil and gas products are solving problems in literally thousands of specific applications all over the globe.
Please call our Customer Relations Department at +1(276) 645-8000 or visit *www.strongwell.com* for more information.

STRONGWELL®

ISO 9001 Quality Certified Manufacturing Plants

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