



INDUSTRIAL PRODUCT LINE

FIBERGLASS STRUCTURES & SYSTEMS

EXTREN® Structural Shapes & Plate

DURADEK® / DURAGRID® Pultruded Grating

DURAGRATE® Molded Grating

COMPOSOLITE® / COMPOSOLITE® HD
Structural Building Panels

SAFRAIL™ Industrial Fiberglass Railing Systems

DURASHIELD® / DURASHIELD HC®
Fiberglass Foam & Hollow Core Building Panels

SAFPLATE® Fiberglass Gritted Plate

Fiberglass Structures

SAFPLANK®, SAFPLANK HD®, & SAFDECK®
Decking Systems



INDUSTRIAL PRODUCTS

Strongwell offers the broadest range of fiberglass structural materials, systems and fabricated structures available from a single source. The following is a brief description of the main products in the Strongwell industrial product line. Complete full-color brochures are also available for each individual product.



EXTREN®

EXTREN® fiberglass structural shapes and plate are produced and stocked in multiple resin series and in more than 100 shapes and sizes for various applications and environments. All EXTREN® shapes have a surfacing veil to increase corrosion and UV resistance and prevent fiber exposure while in service. FIBREBOLT® fiberglass studs and nuts are available to use with EXTREN® as an alternative to metal fasteners in applications that must be strong, noncorrosive, low in conductivity, and/or transparent to electromagnetic waves. **EXTREN® Series: 500** (premium polyester resin, UV inhibitor added - olive green), **525** (premium polyester resin, UV inhibitor and flame retardant added - slate gray), **600** (premium vinyl ester resin, UV inhibitor added - light gray), **625** (premium vinyl ester resin, UV inhibitor and flame retardant added - beige).



DURADEK®/DURAGRID®

DURADEK® is high strength pultruded bar grating that can be used like traditional metal grates or fiberglass molded grating but offers the inherent benefits of pultrusion. The individual bearing bars are either “I” bar or “T” bar shapes. DURADEK® is lightweight, easy to install, and often lasts up to 20 times longer than steel in corrosive industrial environments. Like DURADEK®, DURAGRID® is high strength pultruded bar grating. Any of Strongwell's 100+ pultruded gratings not part of the DURADEK® line are considered DURAGRID®. DURAGRID® offers customers the selection of bar spacing (which creates varying open space in the grating or grid), bar shape, cross-rod placement, custom fabrication, custom resin, and/or color.



SAFRAIL™

SAFRAIL™ industrial fiberglass railing systems are for use as stair rails, platform/walkway handrails, and guardrails. SAFRAIL™ is specially designed to be pre-fabricated or easily fabricated on-site and is engineered to provide years of low maintenance service. OSHA-approved SAFRAIL™ handrail can be easily adapted to customer design requirements. A SAFRAIL™ round handrail system and SAFRAIL™ ladders and ladder cages are also available.



DURAGRATE®

DURAGRATE® molded fiberglass grating is a strong square- or rectangular-mesh grating that allows efficient on-site cutting to minimize grating waste. Molded in one piece with a plain, concave, non-slip walking surface, DURAGRATE® is the chemical resistant flooring choice for many industrial applications. Load bearing bars in both directions allow for use without continuous side support.



COMPOSOLITE® / COMPOSOLITE® HD

COMPOSOLITE® is a patented advanced composite building panel system suitable for major load bearing structural applications. Interlocking components make it possible to design fiberglass structures at significantly lower costs for a broad range of construction applications including FRP buildings, bridge enclosure systems, pedestrian bridge decks, platforms and walkways, tank covers, cellular enclosures, and secondary containment systems. COMPOSOLITE® HD is a heavy duty version of COMPOSOLITE® intended to support larger loads and cover longer spans.

INDUSTRIAL PRODUCTS



DURASHIELD®

DURASHIELD® fiberglass foam core panels are tongue-and-groove pultruded panels composed of a fiberglass skin over a foam core. The fiberglass skin is available in a premium polyester or vinyl ester resin, both of which are fire retardant. Panel sizes include 1" x 12" (R factor 5) panels and 3" x 24" (R factor 17) panels. DURASHIELD® panels can be produced in any shippable length.



SAFDECK®

Strongwell's SAFDECK® is a specially designed system of 24" wide, slip-resistant fiberglass panels that overlap for a continuous solid surface. SAFDECK® is intended to replace wood, aluminum, or steel decking in environments where corrosion or rotting creates costly maintenance problems or unsafe conditions. Typical applications for SAFDECK® include cooling tower decking, temporary flooring, odor control covers, windwalls, roofing walkways, and cellular wall panels.



DURASHIELD HC®

DURASHIELD HC® is an alternative to standard DURASHIELD® with a unique hollow core design and internal stiffeners. The panel is a sensible choice for any type of roofing, flooring, enclosures, decking or screening that does not require insulation. It is a custom designed tongue-and-groove building panel for quick assembly and easy installation in various applications.



SAFPLANK® / SAFPLANK HD®

SAFPLANK® is a high strength system of fiberglass planks designed to interlock to form a continuous solid surface. SAFPLANK® provides safe, long-lasting walkways, cellular antenna screening panels, temporary flooring, covers, and decking in environments where corrosion and water could create costly maintenance problems or unsafe conditions with other materials. When turned upside down, SAFPLANK® also functions as an excellent stay-in-place concrete forming system in applications where corrosion and weight are concerns. SAFPLANK HD® is a heavy duty version of SAFPLANK® intended to support larger loads and cover wider spans.



SAFPLATE®

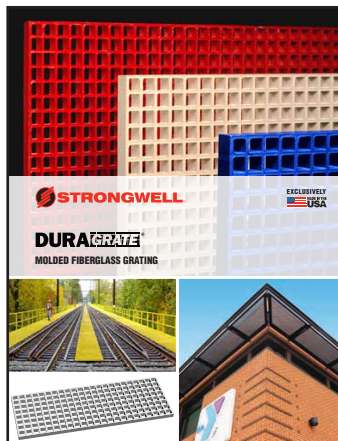
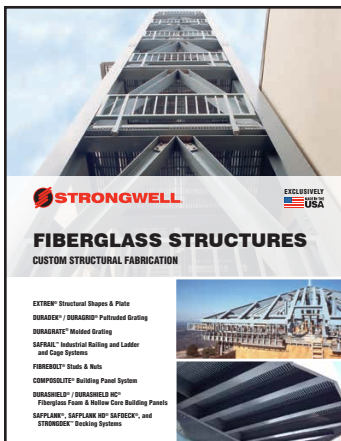
SAFPLATE® fiberglass gritted plate is a tough, corrosion- and slip-resistant floor plate composed of EXTREN® fiberglass plate with an anti-skid grit surface. Designed for use where open floor grating is not suitable, SAFPLATE® is a long-lasting, low-maintenance alternative to steel plate for solid surfaces.



FIBERGLASS STRUCTURES

Strongwell's custom structural fabrication capabilities result in structures of cost-effective design and structural integrity. Fiberglass structural materials produced by Strongwell are combined with Strongwell's extensive experience in fabrication procedures, engineering expertise, joint design, and stress analysis of composite assemblies.

PRODUCT BROCHURES



Strongwell industrial products are solving structural problems in literally thousands of specific applications across many industries. If you think one of these products may be suitable for your application, please call our Customer Relations Department at 276-645-8000 or visit www.strongwell.com for more information.

Product brochures shown on this page, as well as product specifications, can be viewed on Strongwell's website at www.strongwell.com.



ISO 9001 Quality Certified Manufacturing Plants

BRISTOL LOCATION
400 Commonwealth Ave.
Bristol, VA 24201 USA
(276) 645-8000

HIGHLANDS LOCATION
26770 Newbanks Road
Abingdon, VA 24210 USA
(276) 645-8000

www.strongwell.com

CHATFIELD LOCATION
1610 Highway 52 South
Chatfield, MN 55923 USA
(507) 867-3479

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