

## SOLUTIONS FOR INFRASTRUCTURE



**EXTREN DWB® BRIDGE GIRDERS** 

Pultruded composite double web beam suitable in specific applications as bridge girders. Greatly increased modulus of elasticity and stability, which significantly reduces the need for lateral bracing.



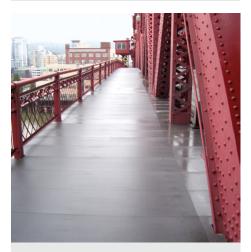
#### GRIDFORM<sup>™</sup> STAY-IN-PLACE CONCRETE FORMS

Designed to replace steel rebar in reinforced concrete bridge decks. Consists of two layers of pultruded I-bar grating separated by FRP connectors and bonded to plate.



**BUILDING PANEL SYSTEMS** 

Suitable for major load bearing structural applications. Consists of main building panels, connectors, toggles, and hangers. These systems can also be used as enclosures to house and insulate equipment.



#### SAFPLANK<sup>®</sup> & SAFPLANK HD<sup>®</sup> DECKING SYSTEMS

Planks desinged to interlock to form a continuous solid surface for pedestrian bridges, walkways, bikeways, etc. These can also be inverted and used as stay-in-place concrete forms.



#### PULTRUDED & MOLDED GRATING

Fiberglass grating panels are a strong, lightweight, low maintenance replacement for metallic grates. Available in a wide variety of thicknesses, panel sizes, colors, and resin systems.



### SAFRAIL™ INDUSTRIAL RAILING & LADDER SYSTEMS

Fiberglass railing, ladder and cage systems provide non-sparking, corrosion resistant, and maintenance free options and generally do not require grounding.

### BENEFITS OF STRONGWELL FRP

- Won't Rust, Rot, or Corrode
- Lightweight
- Low Electrical & Thermal Conductivity
- Easy to Install
- High Strength-to-Weight Ratio
- Virtually Maintenance Free
- EMI & RFI Transparency
- Impact Resistant



#### **SHEET PILING & ROUND PILE**

Engineered to serve several application solutions including cut-off walls, containment barriers, bulkheads, seawalls, flood walls, levee extensions, and other water/erosion control structures.



#### **SOUND BARRIER WALLS**

Designed to shield residential areas from noise pollution along highways, railways, or near loud equipment. Traditionally made from steel, wood, or concrete, FRP sound barrier walls are easier and faster to install, last longer, and provide equal or better protection.

**BRISTOL LOCATION** 

400 Commonwealth Ave.

Bristol, VA 24201 USA

(276) 645-8000



# EXTREN® STRUCTURAL SHAPES & PLATE

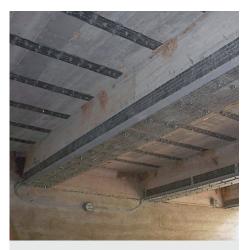
Strong, light weight, corrosion resistant alternative to steel, aluminum, or wood. Over 100 standard shapes available, including I-beams, wide-flange beams, channels, tubes, plate, and more.

#### **FABRICATION**

In addition to its manufacturing capabilities, Strongwell offers full-scale fabrication of all of its products, from simple cut-to-length operations to full scale pre-assembly of its full line of products.

#### **CUSTOM PULTRUSIONS**

Strongwell's expertise in pultrusion design, engineering and manufacturing makes it possible to offer unique solutions to meet customers' exact requirements. In-house drafting, FEA Analysis and 3D modeling capabilities, as well as an in-house engineering staff provide key advantages when seeking to manufacture custom pultrusions.



## SAFSTRIP® STRENGTHENING STRIPS

Improves the strength of an existing structural member when mechanically fastened to the structure. Has high bearing and longitudinal properties.



ISO 9001 Quality Certified Manufacturing Plants

#### HIGHLANDS LOCATION 26770 Newbanks Road Abingdon, VA 24210 USA (276) 645-8000 www.strongwell.com



CHATFIELD LOCATION 1610 Highway 52 South Chatfield, MN 55923-9799 USA (507) 867-3479

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