Ideal for substations, transformer yards, and other utility-asset properties.

Attractive, Durable Composite Utility Walls

Non-conductive perimeter fencing provides safety, security.
See the SafeFence™ Difference

Layers of Innovation and Triple UV Protection for Long Lasting Durability

- Best-in-class urethane finish provides enduring top-layer of UV weathering protection. Durable coating adds to service life and improves electrical properties compared to others.
- 100% of fiberglass roving materials are saturated with UV-inhibitor-rich resin, permeating the panel. Also, the roving fiberglass strands enhance strength, providing low-deflection rigidity.
- Superb layer of protection is provided with a smooth, polyester-cloth UV veil.
- The continuous strand mat material configuration in our pultrusion production process results in exceptional torsional strength.

SafeFence is non-conductive, making it an ideal perimeter barrier around substations and other utility assets.
SafeFence™ non-conductive perimeter barrier fencing provides safety and security around substations, transformer yards and other utility properties with installed power-delivery assets.

The fiberglass wall deters would-be vandals, excludes wildlife and hides unsightly equipment from growing neighborhoods. Lightweight, easy to install, and versatile, the Shakespeare SafeFence wall can be field-modified during installation to address any type of terrain.

Designed and produced using fiberglass strands and mat, the composite material’s maintenance-free construction saves time and money over the product’s lifetime. In hot, humid environments, the SafeFence composite construction will never rust. Further the materials will not deteriorate in salt-air climates, desert heat, or harsh, high-traffic environments.

The attractive, graffiti-resistant design provides superb UV protection for long-term performance in the field.

**SafeFence Safety Barrier**

**PRE-CONSTRUCTION BENEFITS**

- Proven performance addresses safety concerns in local communities
- Delivers remarkable decibel reduction per square foot per dollar performance
- No need for noisy, heavy equipment for wall installation
- Lightweight design reduces the number of delivery trucks needed and allows for easy storage near the job site
- Extremely fast installation
- Environmentally sound – no chemical preservatives, plus well suited for environmentally sensitive areas where heavy equipment may damage sensitive land

Contact us at 803.276.5504 | 800.800.9008
SAFEFENCE™ SAFETY BARRIER
CONSTRUCTION BENEFITS

CONSTRUCTION BENEFITS

- Can be easily modified and cut in the field for on-site changes/adjustments.
- Spans up to 24-feet are available between either steel, concrete, or fiberglass posts.
- Remarkable durability to maintain attractive appearance during installation and for years to come.
- Lightweight, easily installed with minimal equipment and crew.
- Easier and faster to install than concrete, wood, masonry, steel or aluminum.
- Non-conductive properties add a measure of safety and security.

SafeFence is ideal for use on uneven terrain and can be easily modified during installation.
SafeFence™ is designed for long-term outdoor durability, vandal resistance, and ease of installation.

LONG-TERM BENEFITS

- Engineered fiberglass composite construction is built to last up to 50 years
- Durable construction is rust-proof and corrosion-resistant
- Extremely low maintenance over the product life saves time, money
- In the event of vehicle impact or other damage, the panels are easy to repair or replace
- Graffiti-resistant properties maintain the product’s good looks
- A variety of RAL colors available upon request
- Non-conductive properties add a measure of safety
- Excellent freeze/thaw resistance, moisture resistance, and fire resistance

As a non-conductive composite material, the SafeFence barrier system provides an ideal safety perimeter around substations and other utility assets.
SafeFence safety barrier systems are available in 6-inch high or 12-inch high horizontal composite panels.

<table>
<thead>
<tr>
<th>SAFEFENCE RATING FACTORS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE OF SYSTEM</strong></td>
</tr>
<tr>
<td><strong>AVERAGE STC RATING</strong></td>
</tr>
<tr>
<td><strong>NRC VALUE</strong></td>
</tr>
</tbody>
</table>

A 6-inch high panel, which is filled with recycled tire rubber, is available upon request.

**ACOUSTICAL RATING FACTOR - Key Terms**

**STC:** Sound Transmission Class (Coefficient) is the measure of how well a material blocks sound.

**NRC:** Noise Reduction Coefficient is the measure of how sound is absorbed by an object.
See How SafeFence Compares To Other Fencing Materials

See the material comparison tables below for design and installation factors to consider when comparing SafeFence safety barrier fencing systems to concrete, wood, and metal fencing materials.

### MATERIAL COMPARISON - DESIGN FACTORS

<table>
<thead>
<tr>
<th></th>
<th>SafeFence</th>
<th>Concrete</th>
<th>Wood</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of System</td>
<td>POST &amp; PANEL</td>
<td>POURED/POST &amp; PANEL</td>
<td>POST &amp; PANEL</td>
<td>POST &amp; PANEL</td>
</tr>
<tr>
<td>Moisture Resistance</td>
<td>EXCELLENT</td>
<td>GOOD</td>
<td>POOR</td>
<td>POOR</td>
</tr>
<tr>
<td>Freeze-Thaw Resistance</td>
<td>EXCELLENT</td>
<td>FAIR</td>
<td>POOR</td>
<td>POOR</td>
</tr>
<tr>
<td>Typical Service Life</td>
<td>50+ YEARS</td>
<td>50 YEARS*</td>
<td>25 YEARS</td>
<td>25 YEARS</td>
</tr>
<tr>
<td>Ease of Installation</td>
<td>EXCELLENT</td>
<td>FAIR</td>
<td>FAIR</td>
<td>FAIR</td>
</tr>
<tr>
<td>Fire Resistance</td>
<td>EXCELLENT</td>
<td>EXCELLENT</td>
<td>POOR</td>
<td>EXCELLENT</td>
</tr>
<tr>
<td>Graffiti Resistance</td>
<td>EXCELLENT</td>
<td>POOR</td>
<td>POOR</td>
<td>POOR</td>
</tr>
<tr>
<td>Weight per Square Foot</td>
<td>5-8 lbs.</td>
<td>100-125 lbs.</td>
<td>30-45 lbs.</td>
<td>5-7 lbs.</td>
</tr>
</tbody>
</table>

* Compared to SafeFence barrier, concrete, wood, and metal products may have a much shorter service life in areas where de-icing road treatments are used for snow and ice.

### MATERIAL COMPARISON - INSTALLATION FACTORS

<table>
<thead>
<tr>
<th></th>
<th>SafeFence</th>
<th>Concrete</th>
<th>Wood</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Equipment Required</td>
<td>NO</td>
<td>YES</td>
<td>NOT ALL</td>
<td>YES</td>
</tr>
<tr>
<td>Can Be Used on Bridges</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Challenging Terrain</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Onsite Changes/Adjustments</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
</tr>
</tbody>
</table>
Precision Crafted for Outstanding Performance
A time-proven performer, Shakespeare is a leader in developing composite crossarms, utility poles, substation structures, and safety barriers for the utility industry.

- **Safety** - Non-conductive material design is ideal for installation in high-traffic and heavily populated areas.

- **Ease of Installation** - Our lightweight composite components save time, manpower, equipment, and money during installation.

- **Custom-Fit Adjustments in the Field** - SafeFence can be easily modified and cut during installation for quick on-site changes/adjustments.

- **Built to Last** - Fiberglass composite components will never rust and perform exceptionally well in high-traffic environments found in busy metropolitan areas, humidity and salt-air environments along coastlines, and in cold, snowy environments where deicing agents are frequently used.

- **US Designed and Built** - SafeFence is engineered and produced in Newberry, SC. The fence panels are manufactured from fiberglass reinforced thermoset material using a heated pultrusion process that delivers consistent quality and performance.

- **Proven Performance** - With thousands of miles of barrier systems installed, Valmont Composite Structures’ fencing has been used for years to protect people and property in utility, transportation, and municipal applications.

To learn more about the features and benefits of SafeFence Safety Barrier Systems, contact Shakespeare.

19845 U.S. Highway 76 | Newberry, SC 29108 USA | Phone 800.800.9008 | Fax 803.276.8940

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