

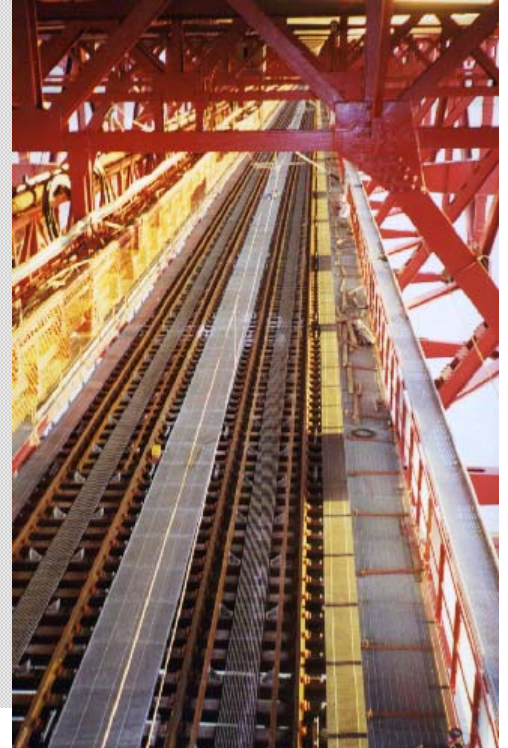
Shaping the Future

with Real Corrosion-Resistant Solutions Working for You

Mass Transit Industry

Project—April 25th Bridge/River Tejo

Location—Lisbon, Portugal



Products utilized were Supergrate™ Pultruded Grating (approximately 100,000 sq. ft.) and Pultex® FRP Structural. In an effort to reduce the traffic congestion, and parking problems in Lisbon, it was decided to build rail service linking Lisbon. Therefore, the bridge, which was 4,600 ft. long, was expanded from a 4 lane traveling in each direction to include 2 rail tracks side by side – north & south – under the Highway Bridge. In order to reduce the weight on the bridge, and eliminate the need for maintenance, fiber reinforced polymer composites were selected to solve these problems.

Structural Integrity Features/Benefits

- Corrosion Resistance...Increased Service Life/
Minimal Maintenance Costs
- High Strength...Structural Design Capabilities
- Lightweight...Reduced Installation Expense
- Electrical Insulation...Additional Safety Factors

Technical Profile

Bridge/River Tejo

Resin Series: 1525 Series
Pultex® FRP Structural: Supergrate™
 Pultruded Grating
 I6010-12x, Angles
 and Square Tubes.

**Distributor/Fabricator: STEP, Lda.,
 Trajouce, Portugal**



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