



VISI-BARRIER, F-SHAPE, 42" HIGH BRIDGE RAILING



SBC61e

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INTENDED USE

Visi-Barrier™ is a highly visible, pre-cast polymer concrete bridge railing and tunnel wall liner that also serves a strong stay-in-place form. The continuous visi-stripe on each panel is made from highly retro-reflective glass beads, which solve poor roadway delineation problems, especially on rainy nights when visibility is low. **Visi-Barrier's** polymer concrete provides high compressive and impact strength, a bright white surface, and superior resistance to salts, chlorides, and corrosion.

Visi-Barrier™ is available in standard, as well as modified shapes with various heights and panel lengths to suit specific needs. Designation SBC61e is 42"[1067mm] high, standard F-Shape used for new and retrofit bridge railing and tunnel liner applications. The SBC61e barrier height and configuration is accepted as an NCHRP Report 350 Test Level 5 (TL-5) barrier.

PHYSICAL PROPERTIES*

| Property | Value | Test Method |
|------------------------------|----------------------|-------------|
| Average Compressive Strength | 14,000 psi [96 MPa] | ASTM C109 |
| Average Flexural Strength | 3200 psi [22 MPa] | ASTM C384 |
| Splitting Tensile Strength | 1600 psi [11 MPa] | ASTM D570 |
| Impact Strength | 100 ft-lbs [135 N-m] | ASTM D2444 |
| Water Absorption | 0.12 - 0.20% | ASTM D570 |
| Fire Resistance | Class "A" | |
| Flame Spread | <25 | ASTM E84 |
| Smoke Development | <75 | ASTM E84 |

*to be used for general guidelines only.

APPROVALS

Federal Highway Administration (FHWA) Acceptance Letter B-64, January 16, 1997.
FHWA Letter from Richard D. Powers to Michael S. Stenko, March 7, 2005.

CONTACT INFORMATION

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