

## Harbor casino complex resists wintry blasts from Lake Michigan



Able to withstand even the most severe winter weather, Shelter-Rite® fabric by Seaman Corporation was used to create an attractive hospitality and entertainment facility on the shores of Lake Michigan.

The Buffington Harbor Casino, which supports two 37,000-square-foot riverboats, is housed inside an 80,000-square-foot complex constructed by Sprung Instant Structures, Inc.

Located directly on Lake Michigan, the complex is exposed to extremely heavy lake effect snow loads and 80 mph Exposure D wind loads, requiring a durable fabric with exceptionally high life expectancy. In addition, the building is surrounded by a number of large, heavy industrial plants, resulting in a concentration of airborne pollutants.

Sprung created the structure with highly tensioned 24-ounce opaque Shelter-Rite fabric coated with Tedlar® for extra durability, cleanability and long life expectancy.

Three years after the complex was completed, there are no signs of any degradation. In addition, the anti-stick, non-stain performance of Tedlar-coated Shelter-Rite fabric has helped to maintain the clean and bright appearance of the complex.

### Client: Buffington Harbor Casino

**Fabric:** Shelter-Rite® Style 9319 polyester reinforced opaque PVC with White Tedlar® coating

**Support Structure:** Aluminum arches

**Fabrication and Installation:** Sprung Instant Structures, Inc.

**Shelter-Rite®**  
By Seaman Corporation

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