



Liberty University Lockers Made with King StarBoard® ST

Liberty University was founded in 1971 and is a private, non-profit Christian university located in Lynchburg, Virginia. The athletic teams are collectively known as the Liberty Flames. Construction on the state-of-the-art 75,000-square-foot Liberty Natatorium was completed in 2017 and the facility is connected to the Liberty Indoor Track Complex.

The Liberty Natatorium lockers are made with 3/4" gauge, 48" x 96" size sheets of King StarBoard® ST in custom Liberty Blue and a standard Charcoal Gray color. King StarBoard® ST is a unique and advanced, high-density polyethylene building sheet that lasts a lifetime. The polymer sheet is 25% stiffer than the original King StarBoard®. It is environmentally stabilized to withstand the harshest outdoor conditions. King StarBoard® ST will not rust, delaminate or rot when exposed to UV, humidity or water.

CASE STUDY

Project at a Glance

Liberty University

Location

Lynchburg, VA

Materials Used

King StarBoard® ST

Application

Liberty Natatorium Lockers

Fabricator

The Liberty Cabinet Shop

Project Duration

2017



Photos Courtesy of RVA Photography

King StarBoard® ST - The Polymer Building Sheet That Lasts a Lifetime

Initial Situation

In 2017, Liberty University Cabinet Shop was tasked with building lockers for the new Natatorium. They needed a material that would hold up to more moisture than most locker rooms they had done in the past. King StarBoard® ST had been used for other smaller projects, and they knew from experience that the material machines well on the CNC router and that fasteners hold well for fabrication and hardware. King StarBoard® ST was used for building the lockers for the five locker rooms. The Liberty Blue varsity lockers each have a hydraulic lift in the upper cabinet with cubbyholes and a lock box, a rod for hanging clothes, hooks for hanging towels, and a ventilated seat that lifts open for additional storage. Visitor locker rooms contain a traditional style locker with a locking door, made with King StarBoard® ST in Charcoal Gray or custom Liberty Blue color.

Task

The Liberty University Cabinet Shop fabricated and installed lockers made with a high-density polyethylene (HDPE) material, King StarBoard® ST.

Solution

King StarBoard® ST is a unique and advanced, high-density polyethylene building sheet that lasts a lifetime. The polymer sheet is 25% stiffer than the original King StarBoard®. It is environmentally stabilized to withstand the harshest outdoor conditions. King StarBoard® ST will not rust, delaminate or rot when exposed to UV, humidity or water. It is one of our most scratch-resistant polymers, making it an excellent construction material for cabinetry, furniture and architectural partitions. The polymer sheet never needs painting or refinishing, works like wood and is easy to fabricate using common woodworking tools and techniques.

King StarBoard® ST

Properties

- Durable
- Environmentally Stabilized
- Waterproof
- Will Not Rust, Delaminate, or Rot
- Stain Resistant
- Easy to Fabricate
- Never Needs Painting or Refinishing
- Made from FDA Approved Materials
- High-Impact Strength
- Abrasion and Stress Crack Resistant
- Maintenance Free



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