

STONHARD Solutions

Stonhard Cures Purepac Pharmaceuticals' Flooring Problems

In 1995, the market for generic drugs was valued at \$11.8 billion. This industry is expected to continue its healthy growth by increasing at a rate of 23% through the year 2000. It's easy to see that manufacturers of generic drugs have found their niche within the strong pharmaceutical market. And so has Stonhard.

Pharmaceutical manufacturers currently represent 5.6% of Stonhard's total customer base, but that number is on the rise. With 30% of its sales in the pharmaceutical sector, Stonhard's Stonblend GSI flooring system has proven to be an effective cure for what ails a pharmaceutical manufacturing plant.

This 3/16 inch thick flooring system features multi-colored quartz aggregates set in a clear epoxy matrix and sealed with a non-reflective, aliphatic, urethane topcoat. This unique, high-performance polymer flooring system combines decorative looks with excellent chemical, wear, stain, and mar resistance. Its smooth, seamless surface prevents the harboring of dirt and germs and provides an easy-to-clean floor. These properties make it an ideal solution for pharmaceutical labs, production and packaging areas.

Stonhard's pharmaceutical customers include Merck, Abbott Laboratories, Pfizer, Lederle Laboratories, Wyeth, Alcon Labs, SmithKline Beecham, and now, Purepac Pharmaceuticals.

Purepac Pharmaceuticals is a manufacturer of generic drugs. They also toll package products for various other manufacturers. The engineers at Purepac Pharmaceuticals decided to rehabilitate their sixty-year old building before installing new processing and packaging equipment. Potential customers often tour the facility, so floors were a critical aspect of the project and they had to look their best.

In refurbishing the floors, engineers at Purepac were looking for cleanability, stain resistance and aesthetics. Stonblend GSI fit the bill. This decorative, durable flooring system was installed in 6,000 square feet of hallways, labs, packaging areas and a wash down room.

Before installation of the floor, the concrete substrate was first prepared by shot blasting to ensure a clean surface for a strong bond. A penetrating, two-component epoxy primer was then squeegeed and backrolled over the entire substrate.

Then, with the primer still tacky, an epoxy grout, Stonset TG5, was troweled down to pitch the floor at a rate of 1/8 inch per foot toward the drains. After application of another primer, the Stonblend GSI base, a three-component mortar of clear epoxy resin, curing agent and colored quartz silica aggregate was troweled over the pitched surface.

The mortar was then sealed with a special two-component grout coat to completely eliminate porosity in the troweled mortar-base. Finally, two coats of the non-reflective polyurethane sealer were applied to give the smooth, seamless finished surface an extra measure of protection. In some rooms, a 2 inch radius cove was also installed for an exceptional level of sanitation and cleanliness.

Since that initial 6,000 square feet, an additional 4,500 square feet of Stonblend GSI was installed in this same building. Purepac is satisfied with the results and now has a durable and beautiful showplace for its potential customers.

The Stonhard Difference

Stonhard is a world-leading manufacturer and installer of high-performance polymer floor, wall and lining systems designed for tough commercial and industrial environments requiring protection against corrosion, impact, abrasion and continuous daily wear. We deliver long-lasting, high performance systems for tough environments. We offer customized solutions to satisfy the most demanding design specifications and work with you directly from start to finish. You are protected with a single source warranty on both products and workmanship. Known around the world for excellence, the Stonhard name means quality products and unmatched service.

STONHARD
single
source

- FORMULATING
- ENGINEERING
- SALES + SERVICE
- INSTALLATION
- PROJECT MANAGEMENT

For more information on Stonhard's high-performance polymer floor, wall and lining systems, visit us at www.stonhard.com or call toll free at 800/257-7953.