

MANUFACTURER AND INSTALLER OF  
SEAMLESS, SANITARY FLOOR SOLUTIONS  
FOR PHARMACEUTICAL FACILITIES



**STONHARD**<sup>®</sup>

STONHARD.COM

SOLVING YOUR PROBLEMS -  
SOLUTIONS FOR EVERYWHERE  
IN YOUR FACILITY

REACTOR ROOMS  
Stonclad®





## GLOBAL RESOURCES WITH LOCAL RELATIONSHIPS TO BRING FLOORS THAT WORK IN EVERY AREA OF YOUR PHARMACEUTICAL FACILITY.

When it comes to pharmaceutical environments, there's no room for error and there is no problem we cannot solve. This comes from decades of experience partnering with pharmaceutical companies around the world to engineer and install quality products, meet stringent safety standards, and deliver a fast turnaround that works with your schedule.

From hardworking processing and packaging areas to labs and lobbies, we have seamless, clean floor and wall solutions for everywhere you require protection. We fuse performance with design to bring you floors that last over time, while still working with design, taking into consideration texture, finish, and color.



### BENEFITS AT A GLANCE

- Over 100 Years of Turnkey Manufacturing and Installation Experience
- Comprehensive, High-Performance Solutions
- GMP-Compliant Products & Processes
- Fast Turnaround Formulations Available
- Single Point of Contact
- Tailored Chemical & Slip-Resistant Technologies
- Unparalleled Safety Standards
- Consistent & Standardized Results
- Real-Time On-Site Support
- Prep Equipment with HEPA Filters
- ISO 9001 Certified
- Single-Source Warranty
- Industry-Leading Reputation



## WHY CHOOSE STONHARD?

### **LONG-LASTING PERFORMANCE WITH FULLY CUSTOMIZABLE PRODUCTS DESIGNED SPECIFICALLY FOR PHARMACEUTICAL ENVIRONMENTS**

**STONHARD PHARMACEUTICAL SOLUTIONS** - Stonhard offers a comprehensive range of technically advanced and adaptable solutions. Each is specifically tailored to the unique needs and high-performance requirements of the pharmaceutical industry and its demanding operating environments across the whole facility. We not only have the capabilities to formulate our own products, we manufacture the materials as well. This unique capability of synthesizing our own systems allows us to carefully control and tailor the properties of each product to meet the specific needs of our customers.

From production areas and forklift aisles to chemical containment rooms as well as cafeterias and shower facilities, Stonhard offers some of the highest-quality, safest and most reliable products and solutions on the market.

**RELATIONSHIPS & TRUST** - Our partnership approach and direct sales force gives you an easily accessible single point of contact. Think of our local Territory Manager, along with our architectural engineering group as your product and technical experts and project managers, taking you from product selection to final walk through. Stonhard also offers you extensive resources with construction management and global account teams, working collectively with you to bring long-term solutions.

**AN INDUSTRY-LEADING REPUTATION YOU CAN TRUST** - We understand that you rely on industry partners you can trust for your facilities. Stonhard is proud of its renowned reputation and highly personalized approach to communication and service. We have cultivated dependable, professional relationships with clients who operate in some of the most demanding pharmaceutical environments. With 100 years of technical engineering, real-time problem solving, and installation experience, there's no challenge we can't handle.

**RESPONSIBILITY FOR BOTH PRODUCTS & INSTALLATION** - Stonhard's broad range of high-performance GMP-compliant products and processes are designed to handle the most demanding pharmaceutical environments and are vetted for stringent safety protocols. Our installation crews are PPE compliant, strictly adhere to site safety documentation, and work with other trades to meet your schedule. We are real-time problem solvers, are ISO 9001-certified, and take responsibility for both products and installation.



**LOBBIES**  
Liquid Elements® Reflect

## **GUARANTEED QUALITY & SAFETY STANDARDS DURING INSTALLATION**

Stonhard's broad range of high-performance products and processes are designed to handle the most demanding areas in your pharmaceutical facility and are vetted for the most stringent safety protocols. All of our installations are OSHA-compliant so you can maintain peace of mind throughout. Our safety-conscious prep crews work with PPE and HEPA filters, and site safety paperwork is readily accessible to all on-site and off-site personnel to maintain the highest safety standards.



**PROCESSING AREA**  
Stonclad® with Stonkote® HT4

We take responsibility for products and workmanship, bringing you a highly personalized approach to products and services. Our sales experts work with you directly and bring the additional resources of Stonhard's construction management team, installation crews, and architectural and engineering group. Real-time problem solving and installation experience, there's no problem we cannot solve.

## **FLEXIBILITY FOR MINIMAL DISRUPTION TO WORK SCHEDULES**

We understand that pharmaceutical facilities never shut down. That is why we provide quick turnaround on installation, installing our floors when it works for you. This way you can manage your schedule with minimal loss of time and money. From communication to problem solving, Stonhard offers flexibility of service so we can get in and out within your tightest schedules with minimal disruption.



**WAREHOUSE & PICKING AREA**  
Stonclad®

# KEY FEATURES OF OUR TECHNICALLY-ADVANCED FORMULATIONS



## SLIP RESISTANT

Slip-resistant flooring is designed with material properties to help reduce slipperiness and increase traction. It creates safer and more functional working environments for staff in areas that experience high traffic, require fast and precise maneuvering, and need to remain effective whether wet or dry. It also comes in a variety of finishes and textures to suit the specific functional and aesthetic needs of individual spaces that require different kinds of considerations within a pharmaceutical facility.



## EASY TO CLEAN

Easy-to-clean floors and walls have properties that resist the absorption of debris into the surface, making for a less laborious process during cleanup. Qualities like water-resistance and seamless, non-porous finishes ensure material does not adhere or get trapped, making them easier and faster to clean. Specialized formulations ensure that floors designed for pharmaceutical environments are slip-resistant but easily wipeable so areas remain 100% sanitary without the extra effort and cost of onerous maintenance. Chemical-resistant properties mean you can make use of harsh industrial cleaning agents without worrying about damaging surfaces.



PRODUCTION FACILITY  
Stontec®



## SANITARY

Seamless is more sanitary. With no grout lines or welds there's nowhere for bacteria to gather, grow, and compromise hygiene. So no seams and no joints in the floor supports infection control practices and keeps your environment safe. It makes cleaning much easier, too. You can also choose to add Stonplus Protect, an antimicrobial additive, for increased protection against a broad range of bacteria and fungi. This antimicrobial, organic thione compound is toxicologically safe, EPA registered, and contains no heavy metals. Washing the floor does not affect its properties.



## STAIN RESISTANT

Stain resistant floors and walls are formulated to withstand permanent discoloration that occurs when their surfaces come into contact with liquids or materials. Protecting surfaces from unsightly stains that can affect how your environment is viewed by customers, visitors, and those who work in the environment every day.



## IMPACT AND ABRASION RESISTANT

Abrasion resistant flooring is designed to resist the impacts of heavy-duty use while maximizing the longevity of the floor. Heavy foot and equipment traffic are commonplace in pharmaceutical facilities, so flooring needs to be resilient to a wide range of impacts of different weight and sharpness. They also need to stand up to dirt, grime, and routine harsh cleanings.



## CHEMICAL RESISTANT

Chemical resistant flooring is designed to stand up to a wide range of harsh chemicals over long periods of time. This type of flooring is one whose functional and aesthetic performance won't degrade with repeated chemical spills or the use of industrial-grade cleaning agents. This allows you to keep important areas 100% sanitary at all times without having to worry about the longevity of your surfaces. They are specifically designed for chemically intensive pharmaceutical environments.



LOCKER ROOM  
Stonclad®



GOWNING AREA  
Stonres®

**WE HAVE  
SOLUTIONS FOR  
EVERY AREA OF  
YOUR FACILITY!**

### **HALLWAYS & CORRIDORS**

Protect your floors from wheeled or foot traffic by eliminating unnecessary joints and ridges and offering minimal maintenance and fewer repairs.

### **TEST CHAMBERS**

Decorative flake finish systems improve slip resistance and are long-lasting epoxy floors that offer stain and wear resistance from daily use.

### **LABORATORIES**

There is no compromising when it comes to infection control. Pharmaceutical environments require sterile floors that are seamless, easy-to-clean, stain and chemical resistant which are all features of Stonhard flooring systems.

### **MIXING AREAS**

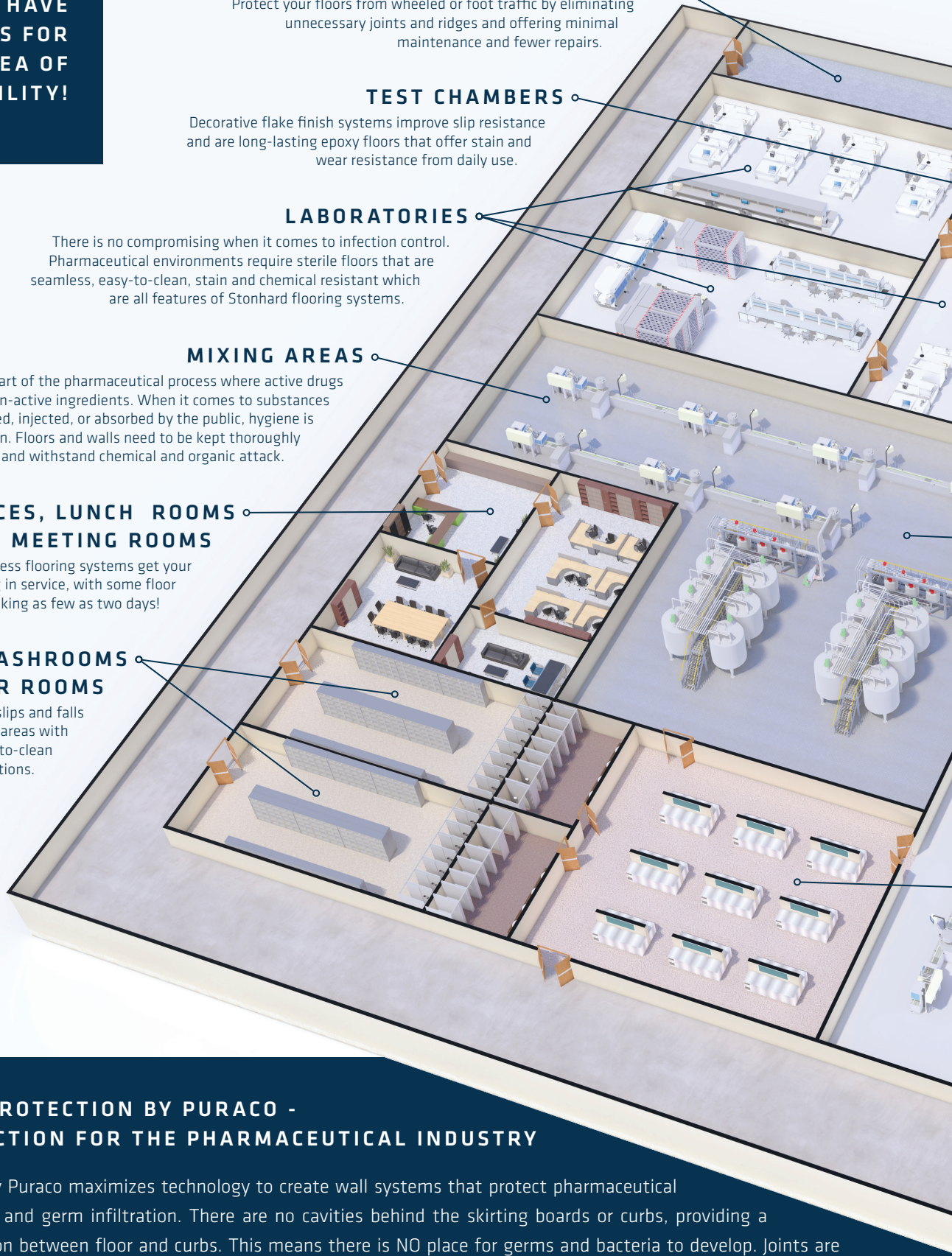
Mixing is a critical part of the pharmaceutical process where active drugs are blended with non-active ingredients. When it comes to substances that will be consumed, injected, or absorbed by the public, hygiene is of paramount concern. Floors and walls need to be kept thoroughly clean and withstand chemical and organic attack.

### **OFFICES, LUNCH ROOMS & MEETING ROOMS**

Quick installation seamless flooring systems get your space back to being in service, with some floor installations taking as few as two days!

### **WASHROOMS & LOCKER ROOMS**

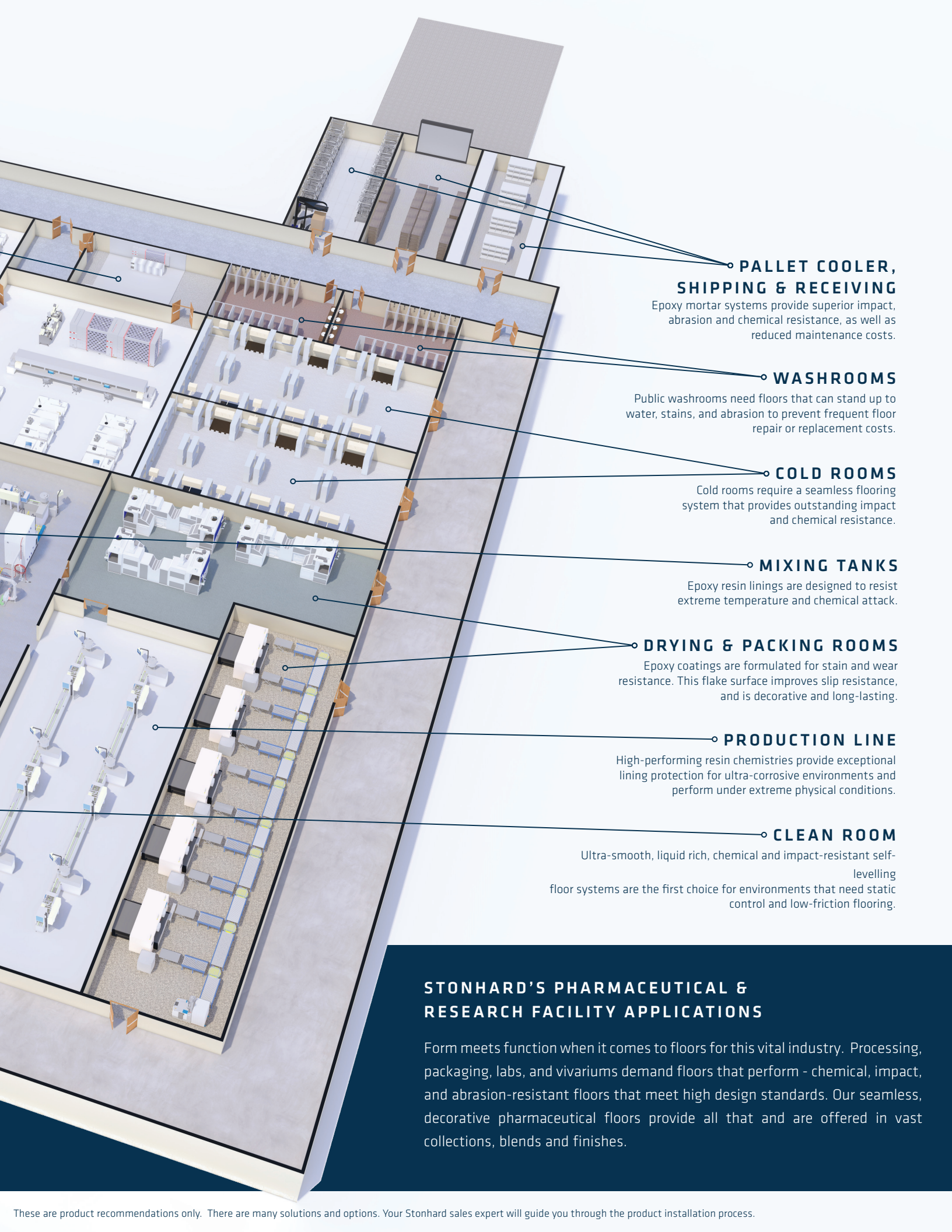
Protect employees from slips and falls in washroom and shower areas with seamless, waterproof, easy-to-clean floor and wall solutions.



## **HYGIENIC WALL PROTECTION BY PURACO - SANITARY PROTECTION FOR THE PHARMACEUTICAL INDUSTRY**

Our prefabricated curbs by Puraco maximizes technology to create wall systems that protect pharmaceutical environments from water and germ infiltration. There are no cavities behind the skirting boards or curbs, providing a hygienic, rounded transition between floor and curbs. This means there is NO place for germs and bacteria to develop. Joints are finished with a unique, advanced germ-free sanitary sealant and installation is quick and easy. Stonhard chemical-resistant, seamless floors and Puraco curbs are a natural fit, giving pharmaceutical plants a long-term, turnkey solution.





○ **PALLET COOLER, SHIPPING & RECEIVING**

Epoxy mortar systems provide superior impact, abrasion and chemical resistance, as well as reduced maintenance costs.

○ **WASHROOMS**

Public washrooms need floors that can stand up to water, stains, and abrasion to prevent frequent floor repair or replacement costs.

○ **COLD ROOMS**

Cold rooms require a seamless flooring system that provides outstanding impact and chemical resistance.

○ **MIXING TANKS**

Epoxy resin linings are designed to resist extreme temperature and chemical attack.

○ **DRYING & PACKING ROOMS**

Epoxy coatings are formulated for stain and wear resistance. This flake surface improves slip resistance, and is decorative and long-lasting.

○ **PRODUCTION LINE**


High-performing resin chemistries provide exceptional lining protection for ultra-corrosive environments and perform under extreme physical conditions.

○ **CLEAN ROOM**

Ultra-smooth, liquid rich, chemical and impact-resistant self-levelling floor systems are the first choice for environments that need static control and low-friction flooring.

## STONHARD'S PHARMACEUTICAL & RESEARCH FACILITY APPLICATIONS

Form meets function when it comes to floors for this vital industry. Processing, packaging, labs, and vivariums demand floors that perform - chemical, impact, and abrasion-resistant floors that meet high design standards. Our seamless, decorative pharmaceutical floors provide all that and are offered in vast collections, blends and finishes.

A photograph of a long, sterile laboratory hallway. Two individuals wearing full white protective suits and blue shoe covers are walking away from the camera down the center of the hallway. The hallway has a dark, reflective floor, white walls, and a glass-walled laboratory on the right side. The lighting is bright and even, creating a clean and professional atmosphere.

WE ARE YOUR SINGLE  
POINT OF CONTACT  
WITH AN INDUSTRY-  
LEADING REPUTATION  
YOU CAN TRUST



## FINDING THE RIGHT FLOOR FOR YOUR FACILITY

Stonhard's seamless, high-performance floors, walls and lining systems are available for every environment. Comprehensive solutions can help eliminate repairs and the need to continuously replace floors. This means no downtime for endlessly busy processing and packaging spaces, labs and mixing areas.

How can we work with you to provide the right solutions for the long haul? Seamless systems offer long-term benefits, support maintenance programs, work with budgets, and fit your timetable. With the help of our experts, architectural engineering team, and construction management group, we will deliver floors that work for your environment for years and years to come.

## ANTIMICROBIAL ADDITIVE GIVES ADDITIONAL PROTECTION

Stonhard offers an additive for its flooring systems, Stonplus Protect, that acts as a permanent bacteriostat and fungistat against a broad range of bacteria and fungi. This antimicrobial, organic thione compound is toxicologically safe, EPA registered, and contains no heavy metals. Washing the floor does not affect its properties. Ideal applications of this product are in environments where hygiene is critically important, such as: pharmaceutical facilities, hospitals, research laboratories, clean rooms, food processing facilities, breweries, dairies, commercial kitchens, washrooms, and showers.

# THE STONHARD DIFFERENCE

A century solving customers' problems, one point of contact, direct sales with complete design support, project management, technical support and global accounts. No matter where you are in the world, the end result is the same - consistent products and installation.



**STONHARD**<sup>®</sup>  
EST. 1922

 **liquidelements**<sup>®</sup>  
artfully poured floors<sup>®</sup>



STONHARD.COM  
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