

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



STONHARD®

STONHARD.IE



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 colour.



BENEFITS AT A GLANCE

- 100 Years Turnkey Manufacturing and Installation Experience
- Comprehensive, High-Performance Solutions
- GMP-Compliant Products & Processes
- Fast Turnarounds
- 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
- ISO 45001 Certified
- Single-Source Warranty
- Industry-Leading Reputation



HALLWAYS & CORRIDORS
Stonblend

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



PRODUCTION AREA
Stonclad GS

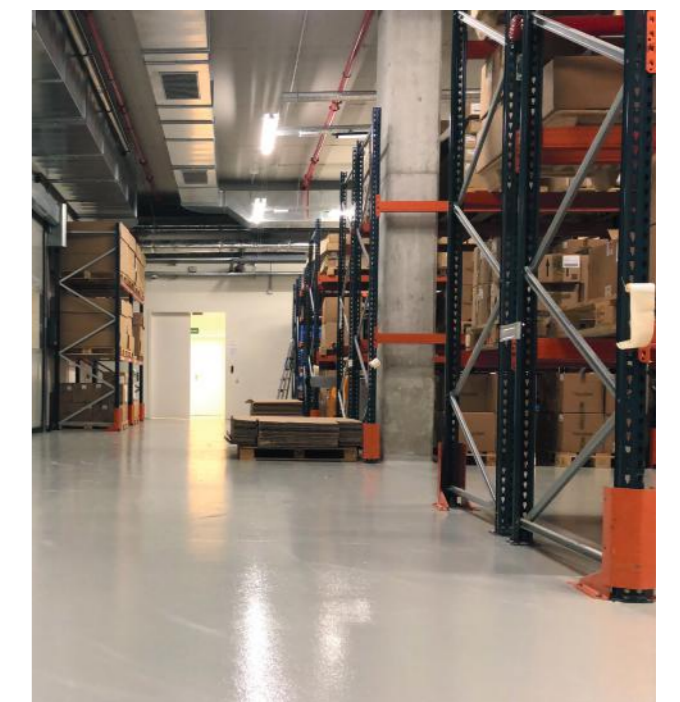
FLEXIBILITY FOR MINIMAL DISRUPTION TO WORK SCHEDULES

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.

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 our installation crews are OSHA compliant (ISO 45001). With our ISO 45001-certificate we meet the ISO Health & Safety standard on site. Our safety-conscious crews work with PPE, HEPA filters and site safety documentation is readily accessible to all on-site and off-site personnel to maintain the highest safety standards.

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.



KEY FEATURES OF OUR TECHNICALLY-ADVANCED FORMULATIONS

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 clean-up. 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% hygienic 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.

HYGIENIC

Seamless is more hygienic. 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 chose to add Stonplus AM9, 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.

ABRASION RESISTANT

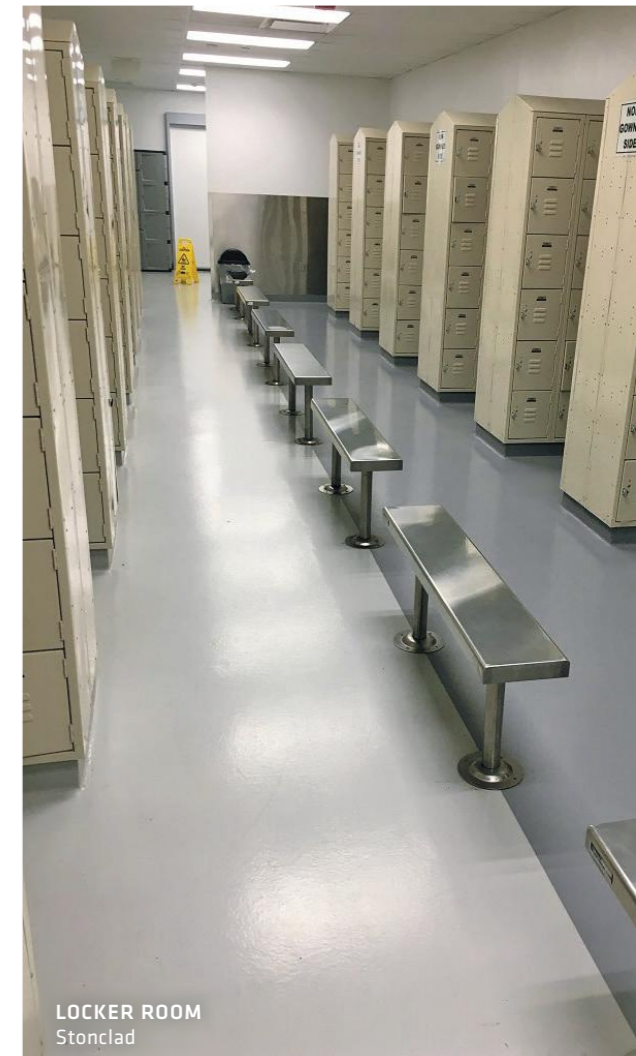
Abrasion resistant flooring is designed to resist the impacts of heavy-duty use while maximizing the longevity of the floor. Heavy foot and equipment traffic are commonplace in pharmaceutical facilities, so flooring needs to be resilient to a wide range of impacts of different weight and sharpness. They 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% hygienic at all times without having to worry about the longevity of your surfaces. They are specifically designed for chemically intensive pharmaceutical environments.

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 manoeuvring 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.



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.

PALLET COOLER, SHIPPING & RECEIVING

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

WASHROOMS

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

Resin linings are designed to resist extreme temperature and chemical attack.

DRYING & PACKING ROOMS

Resin flooring 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.

HYGIENIC WALL PROTECTION BY OUR BUSINESS PARTNER - HYGIENIC PROTECTION FOR THE PHARMACEUTICAL INDUSTRY

The prefabricated curbs 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 hygienic sealant and installation is quick and easy. Stonhard chemical resistant, seamless floors and the curbs are a natural fit, giving pharmaceutical plants a long-term, turnkey solution.

These are product recommendations only. There are many solutions and options. Your Stonhard sales expert will guide you through the product installation process.

STONHARD'S PHARMACEUTICAL & RESEARCH FACILITY APPLICATIONS

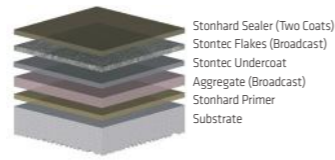
Form meets function when it comes to floors for this vital industry. Processing, packaging, labs and vivariums demand floors that perform - chemical, impact and abrasion-resistant floors that meet high design standards. Our seamless, decorative pharmaceutical floors provide all that and are offered in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



PRODUCT RECOMMENDATIONS: LIGHT USE

STONTEC ERF

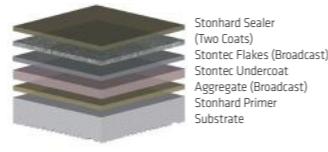
- High Gloss
- Fire Resistant
- Decorative Flake Floor
- Stain Resistant



Stontec ERF is an epoxy system designed for use over smooth concrete. Ideal for healthcare, education environments, laboratories, process areas, retail, sports and entertainment venues, offices, laboratories and washrooms.

STONTEC UTF

- Abrasion Resistant
- Wear Resistant
- High Gloss
- Stain Resistant
- UV Resistant
- Fast Installation
- Fire Resistant



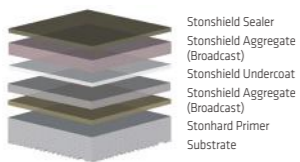
Stontec UTF is a urethane-based system that combines a decorative appearance with chemical, stain and wear resistance. This system creates a stain-resistant surface that can be installed quickly with little odour.



PRODUCT RECOMMENDATIONS: LIGHT USE

STONSHIELD SLT

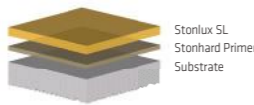
- High Strength
- Fire Resistant
- Slip Resistant
- High Gloss
- Textured Finish



Stonshield SLT is a cost-effective, textured, decorative epoxy system with reduced resistance to heavy impact and loads. Ideal for light manufacturing and commercial environments.

STONLUX SL

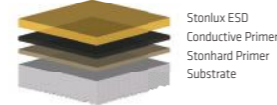
- Seamless
- Easy to maintain
- Epoxy or Urethane versions
- UV-resistant
- Decorative patterns possible



Stonlux SL is an ultra-smooth, liquid rich, chemical and impact-resistant self-levelling floor system. Ideal for clean rooms, laboratories and sterile areas.

STONLUX ESD

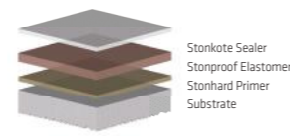
- ESD/conductive
- High Gloss
- Smooth Finish



Stonlux ESD is a self-levelling epoxy system with static control properties. Ultra smooth, liquid rich, chemical and impact resistant, floor. The first choice for environments that need static control and low-friction flooring. Ideal for laboratories and data centres.

STONGARD MR

- Fire resistant
- High Gloss
- Resilient
- Smooth Finish

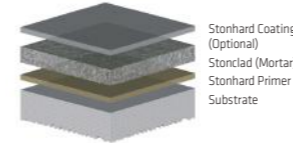


Stongard MR is a high performance positive side, waterproofing membrane for mechanical equipment rooms or any indoor space that cannot tolerate moisture.

PRODUCT RECOMMENDATIONS: MEDIUM USE

STONCLAD GS/UR

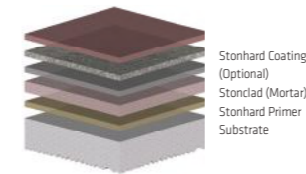
- High Strength
- High Traffic
- High Gloss
- Slip Resistance



Stonclad GS/UR is a high-impact resistant mortar system which exhibits excellent abrasion, thermal shock, thermal cycling and chemical-resistant characteristics.

STONTEC TRF

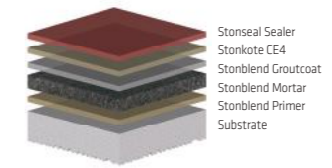
- Abrasion Resistant
- Fire Resistant
- High Gloss
- High Strength
- Stain Resistant
- Wear Resistant
- Fast Installation (<4 days)



Stontec TRF is a urethane flake floor system designed for maximum durability and impact resistance.

STONBLEND GSI

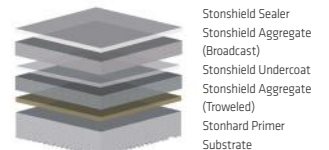
- Fire Resistant
- Smooth finish
- Stain Resistant



Stonblend GSI is a decorative epoxy mortar system; a cost effective alternative to Terrazzo.

STONSHIELD HRI

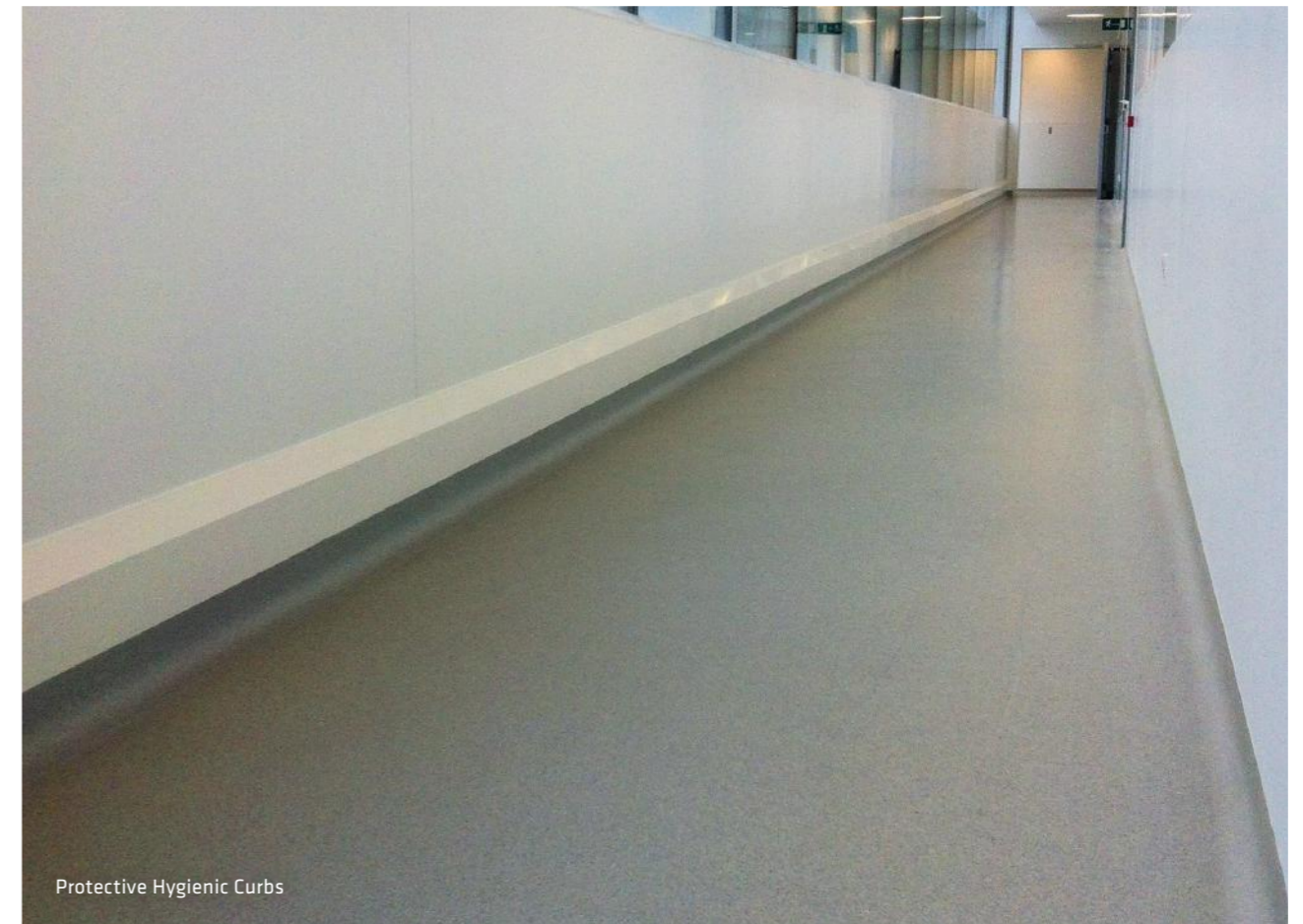
- High Strength
- High Traffic
- Abrasion Resistant
- Chemical Resistant
- Fire Resistant
- High-Impact Resistant



Stonshield HRI is a textured system that cures to an extremely hard, high impact-resistant surface which is decorative and exhibits excellent abrasion, chemical and High-Impact resistance.



Stonclad GS

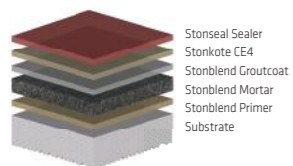


Protective Hygienic Curbs

PRODUCT RECOMMENDATIONS: HEAVY USE

STONBLEND HDF

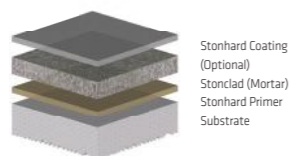
- Fire Resistant
- High Strength
- Smooth Finish
- Stain Resistant



Stonblend HDF is a decorative epoxy mortar system suitable for heavy duty environments.

STONCLAD HT

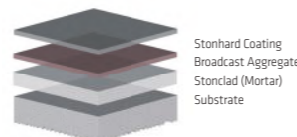
- Chemical Resistant
- High Strength
- High Traffic
- High Gloss
- Smooth Finish



Stonclad HT cures to an extremely hard, impact-resistant mortar which exhibits excellent abrasion, wear resistance and superior chemical resistance. It can be used anywhere chemical-resistant epoxy mortar is required.

STONCLAD UT

- High Strength
- High Traffic
- Thermal Shock/Cycling
- High Gloss
- Textured Slip Resistance



Stonclad UT provides the added texture that is required in many pharmaceutical companies. Due to its resistance to harsh and continuous chemical attack, impact and abrasion, Stonclad UT has the ability to stand up to thermal cycling and thermal shock.

PRODUCT RECOMMENDATIONS: COMPLEMENTARY PRODUCTS FROM OUR BUSINESS PARTNER

PROTECTIVE HYGIENIC CURBS

Recommended Areas:

- Corridors
- Test Chambers
- Shipping & Receiving Warehouse Storage
- Cold Rooms
- Drying & Packing Rooms
- Mixing Tanks
- Mixing Areas

Stonhard is the exclusive provider of hygienic curbs to offer the best solutions to our pharmaceutical clients. This partner is the leading producer of hygienic wall protection, manufactures prefabricated, polymer composite curbs to provide wall protection at a higher level than those composed of concrete. Both Stonhard floors and the curbs are chemical resistant, water resistant and easy to clean.



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

CLEAN ROOM
Stonblend GSI



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.

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.



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