



STONHARD

MANUFACTURER & INSTALLER OF SEAMLESS FLOORS, WALLS & LININGS



YOUR SPACE, OUR FLOORS.

STONHARD



WE'VE BEEN SOLVING FLOORING PROBLEMS SINCE 1922. THAT'S 100 YEARS OF SOLUTIONS FOR OUR CUSTOMERS AROUND THE WORLD.

Punishing chemical assault, unremitting abrasion and impact, wet conditions, thermal shock – our proven performance systems are designed for the toughest environments. They are also designed with the planner in mind, offering infinite design possibilities and the ability to customize and optimize colors, patterns, and finishes. Maintenance is minimal, because seamless means cleaner. Stonhard takes full responsibility for customer satisfaction, from raw materials to installed systems. Over 300 Territory Managers, Architectural Design representatives, and 200 application teams worldwide see that projects are completed on time and successfully meet all standards. Stonhard provides comprehensive support, whether it's a single location, or part of a multi-national network.

Unparalleled products, easy maintenance, seamless, customized designs, and our reliable single-source warranty on it all.

CONTENTS

MARKET APPLICATIONS 4
 INSTALLATION 6
 DESIGN 8
 SUSTAINABILITY 10
 TOTAL HYGIENIC SOLUTIONS 11
 MORE BRANDS & SOLUTIONS 12
 STONCLAD 14
 STONSHIELD 16
 STONCRETE 18
 STONBLEND 20
 STONRES 22
 STONTEC 24
 STONLUX 26
 STONGARD 28
 ENGINEERING DETAILS 30





MARKET APPLICATIONS

WE BRING YOU MORE FLOORS FOR MORE MARKETS

It's not just about offering a product; it's about delivering a solution. And we've been delivering flooring solutions for a century.

Chemical Resistant. Stain Resistant. Static Control. Recycled Elements. Slip Resistant. Stand up to Thermal Shock & Cycling. Impact & Abrasion Resistant. Easy to Clean. Resilient. Sound Reducing. Low VOCs. Infection Control.


We will help you find the right floor for your environment. Our sales force will work with you, one-on-one, to find the ideal floor solution. We also offer the expertise of our Architectural/Engineer and Design teams and Construction Management group. Our application teams will install your products, adhering to regulations and details, while honoring your work schedule.


STONHARD





TRAFFIC AISLES | AIRPORT CONCOURSES | PROCESSING AREAS | CAFETERIAS | CONTROL ROOMS | PACKAGING LINES
 CLASSROOMS | ASSEMBLY AREAS | CORRIDORS | MACHINE AREAS | LOBBIES | KITCHENS | MAINTENANCE AREAS


YOU'LL FIND OUR FLOORS WHEREVER THERE ARE INDUSTRIAL AND COMMERCIAL ENVIRONMENTS. HERE ARE SOME OF THE CORE MARKETS WE SERVE:


 **Aerospace / Automotive** – assembly lines, battery rooms, control rooms, hangars, plating lines, loading docks, mechanical rooms, test areas/labs, clean rooms.


 **Chemical, Petrochemical & Mining** – processing, containment, tank farms, bulk storage, drum storage, refineries, clarifiers, trenches, sumps.


 **Education** – Universities, K-12 schools, Vocational & Technical schools – classrooms, cafeterias, labs, libraries, multipurpose rooms, medical centers, stadiums, kitchens, vivariums, student centers, parking garages.


 **Electronics / Technology** – assembly, data centers, fan decks, clean rooms, waffle slabs, plating lines, inspection labs.


 **Food & Beverage** – bakeries, bottling lines, dairies, kitchens, coolers, mixing, meat packing, processing, packaging.


 **Healthcare** – ORs, patient rooms, corridors, ERs, labs, kitchens, laundry, mechanical rooms, nurses stations, operating suites, drop-off areas, parking garages.


 **Hospitality** – lobbies, restaurants, kitchens, bars, fitness centers, casinos, nightclubs, pools, parking garages.

 **Pharmaceutical / Biotech** – production, chemical storage, packaging, labs, tableting, vivariums, washdown areas.

 **Retail** – supermarkets, big box stores, malls, auto dealerships, parking garages.

 **Sports & Entertainment** – stadiums, theme parks, arenas, zoos, museums, restaurants, concourses, concessions, retail, locker rooms, parking garages.

 **Transportation** – Airports, Train Stations, Bus Terminals – concourses, maintenance facilities, baggage handling, hangars, waiting areas, kitchens & food service, restrooms, battery rooms, control rooms, service bays, train platforms, parking garages.

 **Water / Waste Water & Utilities** – digesters, clarifiers, potable water contact, tank farms, unloading areas.



INSTALLATION

WE ARE RESPONSIBLE FOR YOUR INSTALLATION

Expect performance from start to finish. From design specifications, to project management, to the final walk-through, Stonhard works with you to ensure complete satisfaction on every project. This means you always work with us directly and not with agents or distributors.

STONHARD



STONHARD single source

A **turnkey approach** means you'll receive high quality products and installations consistently. From people to products and services, quality and dependability are a constant with Stonhard.

The **single-source warranty** is Stonhard's pledge of responsibility. Our Territory Managers are dedicated to your satisfaction. Site supervision and service are standard across the country and around the world.

Each Stonhard project receives attention on every level – multi-phase or small projects. Our Territory Managers, along with our Construction Management group, made up of 40 Project Managers, Site Superintendents and 200 application teams, are your single-source partners, assuring quality control, and integrated and flexible scheduling.

STONHARD SUPPORTS YOU:

Product Data Sheets

Product Guide Specifications

Chemical Resistance Guides

Safety Data Sheets

Case Histories

Cleaning Procedures

Color Selection Guides

References



DESIGN

COLOR. SCALE. SCOPE.

From fresh new construction and blank spaces to rehab projects, our Territory Managers, along with our Architectural Design team can guide you through product options including colors, finishes, and textures. Standard, premium and custom colors, wayfinding patterns, and logos are available. Have a specific idea in mind? We will work with you to make it happen.

You will find color selections in the product pages of this brochure, however not all standard colors are shown. For additional standard color collections, visit our website, stonhard.com or contact us for color sheets or samples. Custom color matching is available with sufficient lead time and minimum order requirements.

STONHARD



GREAT DESIGN DOES NOT COMPROMISE PERFORMANCE.

Our floors are engineered for performance – stain, chemical, impact resistance, but even the toughest environments are influenced by color and design. Bold or light colors, glossy or matte? Colors define a space – sanitary, quiet, healing.

Want to make it easier for people to find their way through connecting corridors? Use color to mark specific areas or departments. We create line striping to identify traffic aisles and safety areas. Keep industrial and manufacturing areas running smoothly and safely by distinguishing specific areas by color.

Let us help you accomplish your vision.



SUSTAINABILITY

HEALTHY PRODUCTS FOR HEALTHIER ENVIRONMENTS

The very makeup of our seamless, poured-in-place floors is sustainable. Our floors are bonded to a building's structure, so when a Stonhard floor reaches the end of its long life, it does not end up in a landfill. We incorporate recycled elements in our floor systems, produce rapidly renewable bio-based materials, and utilize flexible packaging to eliminate pails and cans from entering the waste stream.



Indicates recycled content in formulation. Ask your Stonhard representative about Stonhard's commitment to a healthier planet.

STONHARD



TOTAL HYGIENIC SOLUTIONS



Food and beverage processing environments are driven by sanitary design, from floors to walls to drains. Stonhard is a partner with PolySto, producer of hygienic curbs, and Blücher, manufacturer of the HygienicPro drain, to provide a comprehensive, sanitary solution for food and beverage customers. Working together, Stonhard installs seamless, chemical-resistant floors, along with protective curb and sanitary wall systems and efficient drains to ensure safe, germ-free food and beverage operations. Stonhard is committed to delivering solutions to industries like food processing, pharmaceutical, and healthcare, because we recognize the need to meet and exceed hygienic standards within these environments. We work closely with you on product selection and installation to solve your toughest problems and support you in meeting regulations for productivity and efficiency.





MORE SOLUTIONS

WE DELIVER EVEN MORE SOLUTIONS – FORMULATED & INSTALLED

Stonhard has more solutions for more spaces. Find out about our other brands producing outstanding designs and sustainable surfaces for commercial spaces.



Distinct, seamless designs for high-profile commercial projects: hotels, restaurants, resinous automotive showrooms & retail environments. liquidelements.com



Cork, recycled rubber, LVT, and cork/rubber floors for commercial spaces: universities, stadiums, airports & libraries. expanko.com

STONHARD



COMPLEMENTARY PRODUCTS Grouts, Coatings, Cove Bases, Elastomers, and Concrete Sealers for pitching, patching, protecting. Visit us at stonhard.com and learn more about our Complementary product families: Stonkote, Stonseal, Stonflex, Stonproof, Stonset, Stoncrete, Stonfil, and Stonclear.

COATINGS & LININGS Six different chemistries for incomparable long-term protection in the most corrosive environments. The Stonchem product line leads the industry in protection for secondary containment, processing areas, chemical storage, and battery rooms.

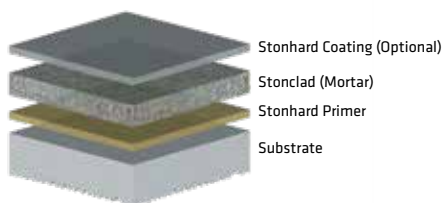
ANTI-MICROBIAL SOLUTIONS Stonplus Protect, can be added to formulations to help block microorganisms – the growth of bacteria, fungi and molds. Stonplus Protect is sought by food & beverage and healthcare companies as part of their stringent efforts to control harmful bacteria.

WALL SYSTEMS Where there are floors, there are walls. Our Stonglaze products are wall systems designed to work with your floors to protect concrete block, steel, and drywall. These durable, seamless wall systems are also offered in a wide range of colors and textures so they work in your space.

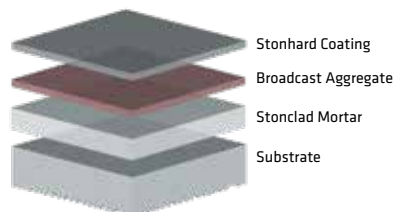
CORROSION AND UV-RESISTANT TRAFFIC-BEARING COATINGS Our Stondeck Systems use urethane technology specially formulated for vehicular traffic in demanding environments like parking garages and pedestrian structures. Stondeck traffic coating solutions can be customized for increased durability, rigidity, moisture resistance, slip resistance, and UV stability. Superior to sealers and paint, it is the ultimate protection for exterior and interior structures that experience high traffic.

STONCLAD

Serious protection for heavy-duty environments. Stonclad provides extraordinary performance under the most demanding conditions. Chemical, abrasion, and impact-resistant systems assure durability and longevity. Specialized configurations meet the needs of static control and temperature-dependent environments. Diversity and performance for the most rigorous industrial applications.



ESD | GS | GR | HT | UR | UL | Xpress



UT



UF

STONHARD



STONCLAD® GS

Troweled epoxy mortar system providing superior impact and abrasion resistance with excellent chemical resistance.

STONCLAD® HT

Ultra corrosion-resistant epoxy mortar system formulated to withstand temperatures up to 200°F/93°C (250°F/121°C for intermittent spills).

STONCLAD® ESD ⚡

Conductive elements formulated in an epoxy resin for static-control and non-sparking properties.

STONCLAD® UT

Troweled polyurethane textured mortar system designed to withstand thermal shock/thermal cycling conditions for use in food environments.

STONCLAD® UL

Self-leveling, polyurethane mortar system that is chemical, impact, and abrasion resistant, designed for dry food environments.

STONCLAD® UR

Troweled polyurethane mortar system designed for rapid installation in food environments, where thermal cycling/thermal shock conditions are present and texture is not a requirement.

STONCLAD® UF

Troweled polyurethane mortar system created specifically for the food and beverage industry where quick turnaround is necessary. This system is unsealed, providing a flat finish, different from other Stonhard systems. It has excellent thermal-shock characteristics along with chemical resistance.

STONCLAD® GR

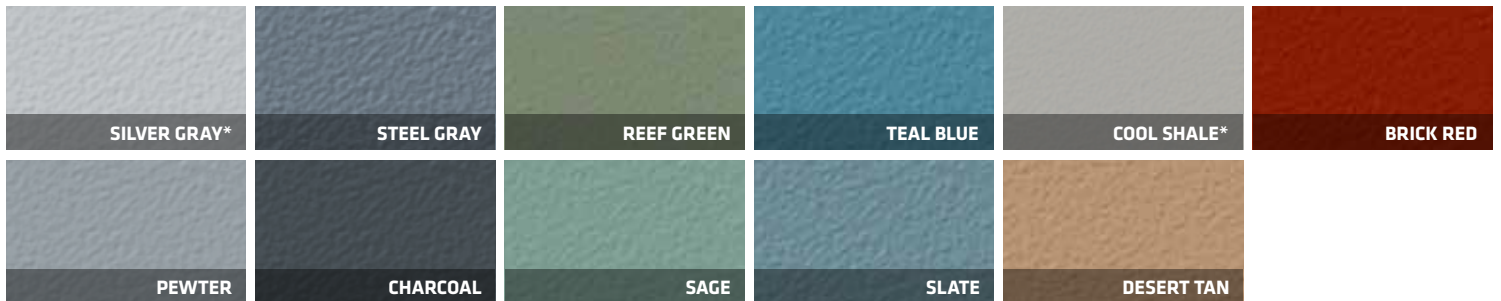
Troweled epoxy mortar system with the same properties as Stonclad GS. This system utilizes 25% recycled-glass fillers and a rapidly renewable component to enhance the material and make an environmental impact.

STONCLAD® SL XPRESS

Methyl methacrylate, liquid-rich, self-leveling system that is impact, chemical, and abrasion resistant when a quick installation is required. Solid color with optional tweed or flake designs available.

STONCLAD® TR XPRESS

Methyl methacrylate troweled system that exhibits excellent impact, chemical, and abrasion resistance with a tweed design for fast-track installations.

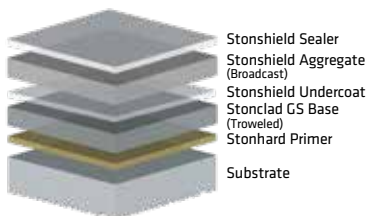


*Silver Gray and Cool Shale colors are not available with Stonclad UT system.

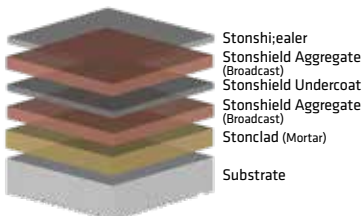
Note: Stonclad UF is offered in a different color palette. Please visit our website for details, <https://www.stonhard.com/products/stonclad/>

STONSHIELD

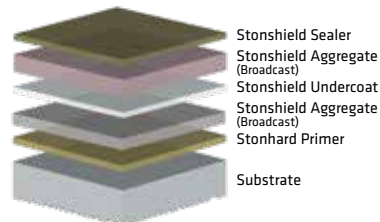
Textured, easy-to-clean, decorative floors that don't skimp on performance. These color quartz broadcast systems are a cost-effective option for light manufacturing areas. Discover the unlimited design capabilities available in various finishes, patterns, and colors.



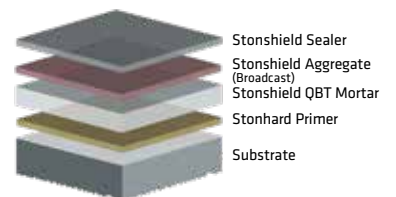
HRI



UTS



SLT | Xpress | URT | ESD



QBT



STONSHIELD® SLT

Cost-effective, textured, epoxy system for light-traffic areas. Offers reduced resistance to heavy impact and loads. For education and healthcare environments, retail, sports and entertainment venues.

STONSHIELD® HRI

Troweled epoxy mortar-based, textured, slip-resistant system that is long-lasting, stylized, and easy to clean. Perfect for food service and preparation, and light manufacturing. For education and healthcare environments, retail, sports and entertainment venues.

STONSHIELD® QBT

Troweled, epoxy mortar-based textured, slip-resistant, easy-to-clean system, designed for multiple smaller areas when a quick installation is necessary (two-day install). Ideal for education, healthcare, and retail environments.

STONSHIELD® ESD ⚡

Textured, conductive floor, offering superior static-control properties. Ideal for use in AGV, traffic aisles, and electronic parts assembly when ESD-sensitive components are present.

STONSHIELD® URT

Cost-effective, textured, polyurethane system for light-traffic areas. System offers good chemical resistance and excellent UV resistance and can be installed quickly with minimal odor.

STONSHIELD® UTS

Troweled polyurethane, textured system designed for food preparation and service areas where thermal shock and cycling are present.

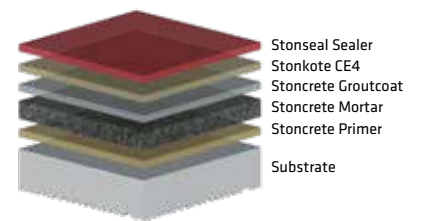
STONSHIELD® XPRESS

Methyl methacrylate resin-based system providing excellent chemical and wear resistance, slip resistance, and rapid installation time. For education and healthcare environments, retail, sports and entertainment venues.



STONCRETE

Stoncrete floors are stain, abrasion and impact-resistant, easy to maintain, and stand up to daily traffic while providing commercial spaces with the finishes, textures, and designs they demand.



EFX

STONHARD



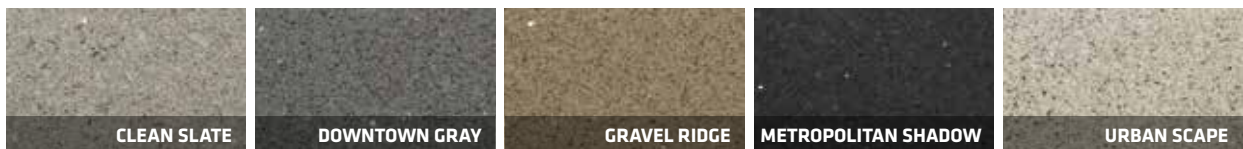
STONCRETE® EFX

Troweled, epoxy mortar system that rivals the look of Polished Concrete. The same durability of a Stonclad floor with design options including matte or semi-gloss finish and your choice of natural aggregates: 100% crushed mirror, recycled amber glass, or quartz. Performance and design for education, healthcare, retail, and office environments.

AMBER



MIRROR

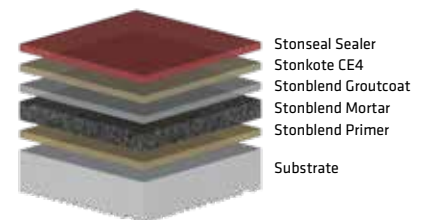


STONE



STONBLEND

Smart, smooth, stain, and wear-resistant floor system, Stonblend is a troweled, color-quartz system that is offered in sophisticated patterns and color blends for a broad range of settings, including an exclusive formulation that utilizes recycled glass.



GSI | GSI-G | HDF

STONHARD



STONBLEND® GSI

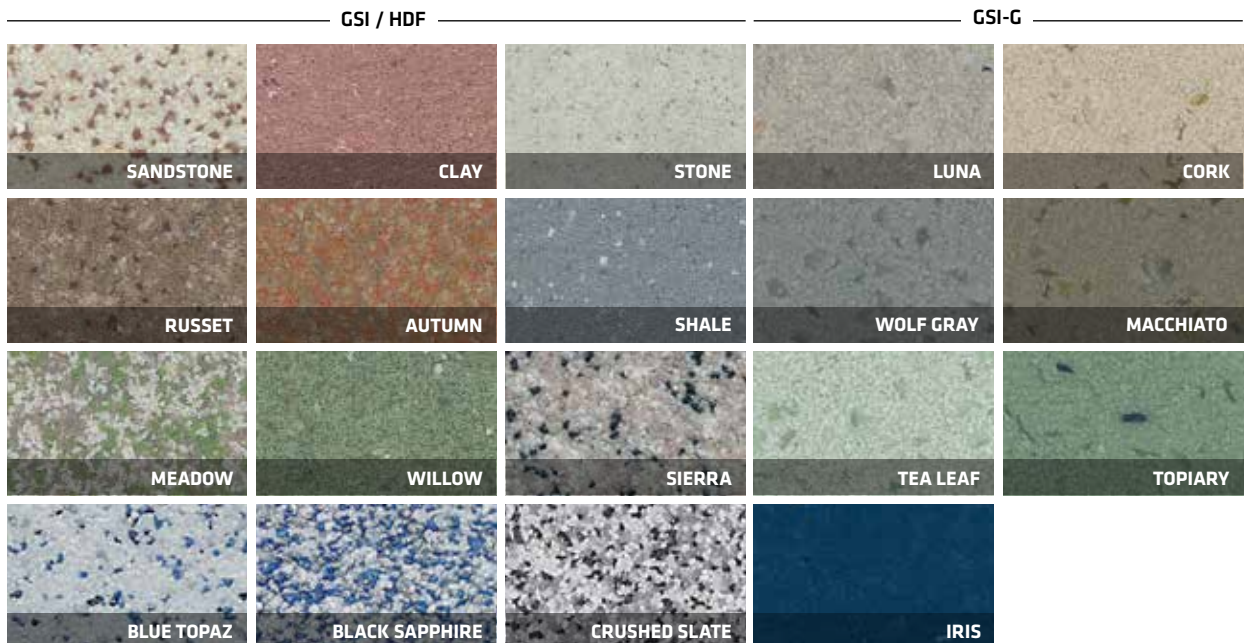
Decorative and cost-effective alternative to terrazzo. Perfect flooring solution for pharmaceutical and healthcare facilities, animal laboratories, packaging areas, plant offices, public areas, and R&D facilities.

STONBLEND® GSI-G

Stain and wear-resistant epoxy mortar system that utilizes recycled-glass aggregate in the surface of the system, creating a modern appearance while remaining environmentally responsible. Performs in office and healthcare environments, educational and correctional institutions, pharmaceutical, packaging, and R&D facilities.

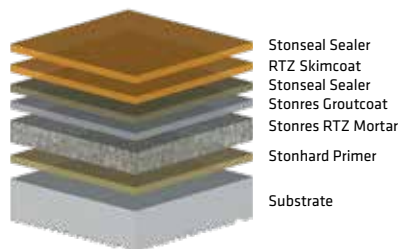
STONBLEND® HDF

Decorative epoxy mortar system that exhibits increased physical properties, making it ideal for heavy-duty pharmaceutical processing environments and animal laboratories.

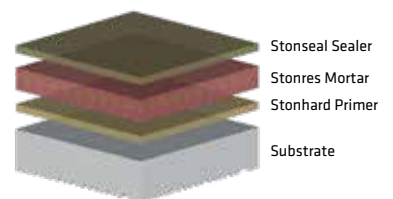


STONRES

Tradition, partnered with innovation, in a floor that has been proclaimed to be in its own genre. Stonres is a seamless, resilient floor that combines distinctive design elements with performance and function, using intricate patterns and a vast progressive color palette in a smooth, stain-resistant, ergonomic, and noise-reducing system. And like other Stonhard floors, Stonres meets the challenges of industrial surroundings, yet is created with public spaces in mind – healthcare, education, retail environments, as well as museums, concourses, lobbies, and arenas.



RTZ | RTZ-2



STR



STONRES® RTZ








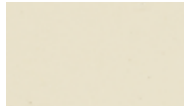





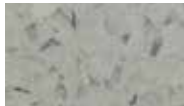














Ergonomic, resilient, noise-reducing floor that gives planners designer-worthy options for high-profile public spaces. A bountiful color palette can be incorporated into traditional patterns or customized free-form designs for healthcare, education, and public spaces. Highly recommended for ORs; supports infection control programs.

STONRES® RTZ-2

Ergonomic, resilient, noise-reducing floor has the same outstanding performance as Stonres RTZ with a fresh, contemporary look in an all-new palette.

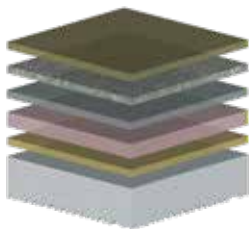
STONRES® STR

Ergonomic, resilient, noise-reducing urethane floor in a solid, matte finish. Ideal for open space projects such as corridors and labs in hospitals and schools. Also a highly recommended solution for operating rooms.

RTZ			RTZ-2			STR	
MARBLE			EBONY			LUCENT	
 SOLITUDE	 STONHENGE	 SMOKE 'N MIRRORS	 WHITE	 WHITE	 WHITE	 CREEK	 FOSSIL
 NIGHT FOG	 BLUE ASH	 MYSTIC	 STONHENGE	 STONHENGE	 STONHENGE	 RAIN	 SYCAMORE
 MOSS	 CANYON	 RIVERBED	 SKYWARD BLUE	 SKYWARD BLUE	 SKYWARD BLUE	 BLUE STORM	
 SANTA FE	 CANVAS		 LATTE	 LATTE	 LATTE		

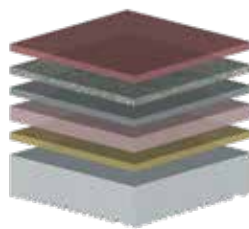
STONTEC

Stontec floors minimize downtime for renovations and save critical path time on new construction projects while offering exceptional design options.



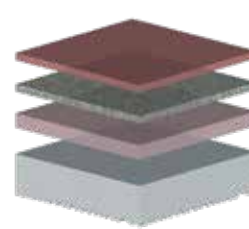
Stonhard Sealer (Two Coats)
Stontec Flakes (Broadcast)
Stontec Undercoat
Aggregate (Broadcast)
Stonhard Primer
Substrate

ERF | UTF | XPRESS



Stonseal CA7 (Two Coats)
Stontec Flakes (Broadcast)
Stontec Undercoat
Stonclad UR Base (Troweled)
Stonhard Primer
Substrate

TRF



Stonkote CE4
Stontec Flakes (Broadcast)
(Large Flake Only)
Stontec QBF Base
Substrate

QBF

STONHARD



STONTEC® ERF

Epoxy system designed for use over smooth concrete. Found in healthcare, education environments, laboratories, process areas, retail, sports and entertainment venues.

STONTEC® TRF

Mortar-based system designed for renovations with damaged substrates. System provides maximum durability, thermal resistance and impact resistance and is an excellent choice for biotech and pharmaceutical environments.

STONTEC® QBF

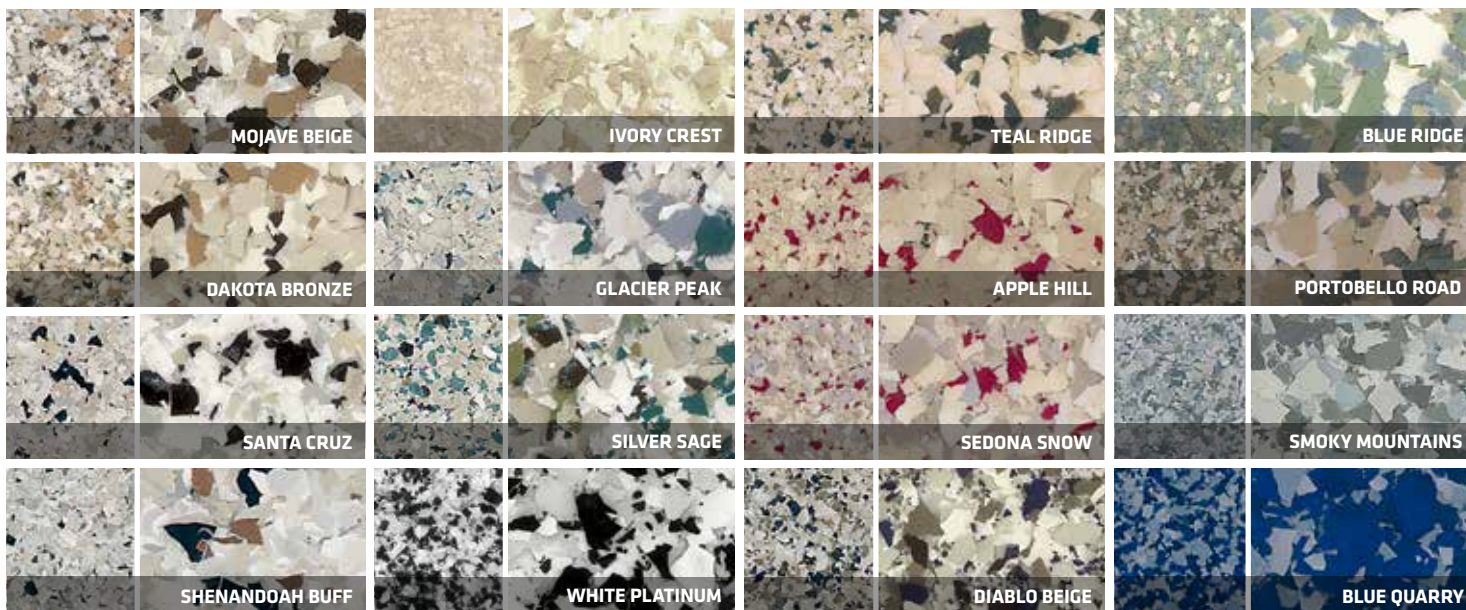
Liquid-based urethane system designed for durability and impact resistance when a quick installation is necessary; two-day install.

STONTEC® UTF

High-solids, urethane-based system with a decorative, high-gloss finish and superior chemical and wear-resistance capabilities. Found in healthcare, education environments, laboratories, process areas, retail, sports and entertainment venues.

STONTEC® XPRESS

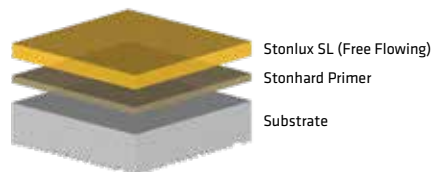
Methyl methacrylate resin-based system, distinguished by its rapid installation time. Chemical, stain, and wear-resistant floor available in a low-gloss finish. Found in healthcare, education environments, laboratories, process areas, retail, sports and entertainment venues.



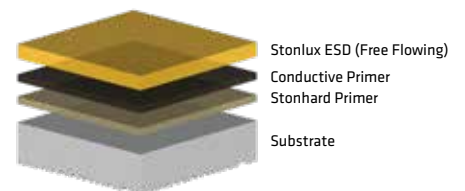
Available in small or large flake finish.

STONLUX

Long-lasting, super-clean, lustrous floor protection. An ultra-smooth, chemical and impact-resistant formulation for areas requiring static control and a low-friction surface. This system is a top choice for clean room environments. Stonlux offers a sleek and clean look.



SL



ESD

STONHARD

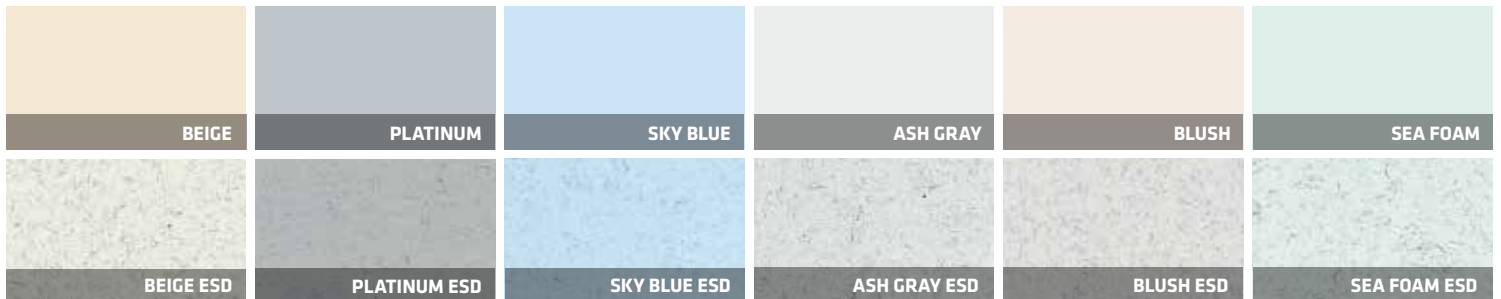


STONLUX® SL

Self-leveling epoxy formulation where a low-friction surface is required. Available in 2mm and 3mm thicknesses for varying degrees of traffic and durability. Use in assembly areas, R&D facilities, light manufacturing, television and recording studio production, and clean room environments.

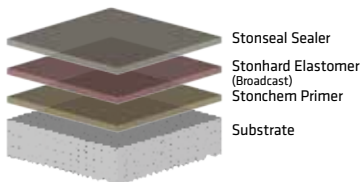
STONLUX® ESD ⚡

Self-leveling epoxy formulation where static control is demanded. Available in 2mm and 3mm thicknesses, this formulation is also available in static-dissipative and conductive formulations to meet electrostatic discharge specifications. Use in electronics manufacturing and assembly areas, server rooms, server farms, computer/control/clean room environments as well as areas where munitions are present.

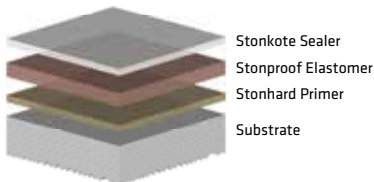


STONGARD

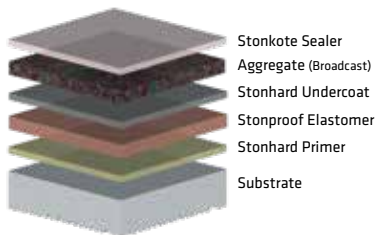
Slip, abrasion, and crack-resistant systems fill the niche for parking garages and mechanical equipment rooms by providing premiere traffic-bearing membranes and superior positive-side waterproofing moisture protection. Stongard can improve safety in garages. Four superbly designed systems offer reliable defense with many options to meet specific demands.



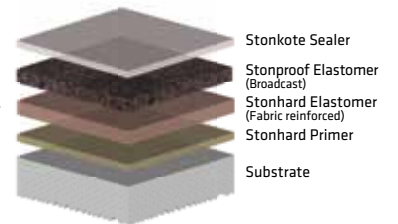
TM



MR



MD



MX



STONGARD™ TM

Durable, elastomeric traffic-bearing membrane designed for heavy pedestrian-traffic areas in stadium concourses, helipads, and pedestrian bridges. Can stand up to harsh elements, such as sun, salts, and corrosive fluids.

STONGARD™ MR

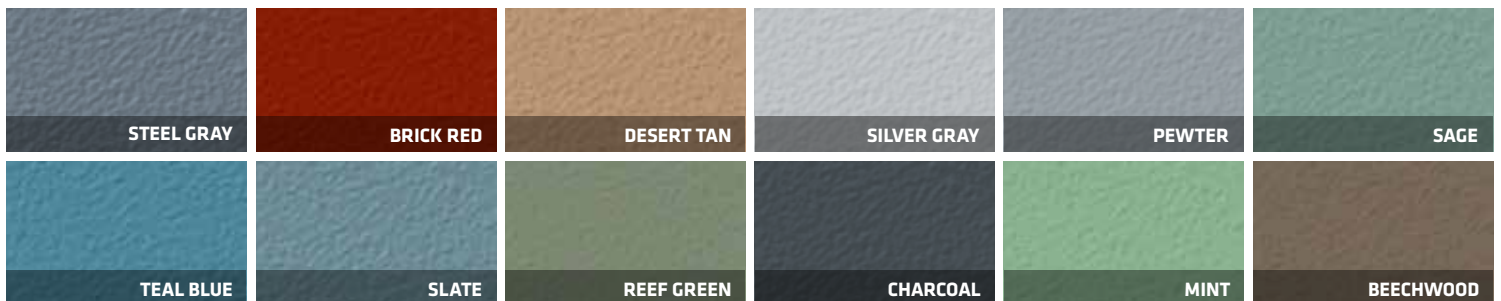
An elastomeric flooring system created for positive-side waterproofing applications. It is designed to protect areas below mechanical rooms, pump, and mezzanine floors from water damage.

STONGARD™ MD

An elastomeric, slip-resistant, decorative, positive-side waterproofing system created for mechanical rooms, pump mezzanines, or any indoor space requiring moisture protection with a focus on design. See Stonshield color palette for standard color options.

STONGARD™ MX

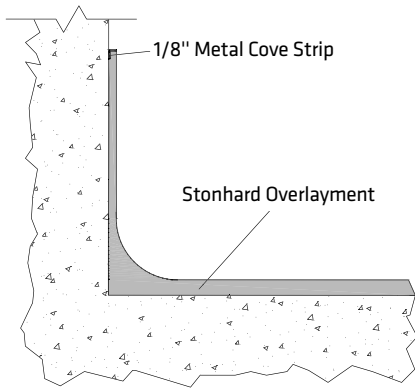
An elastomeric, slip-resistant, waterproofing system reinforced with fiberglass where additional performance is needed. Designed for mechanical rooms, pump mezzanines, or any indoor space requiring waterproofing.



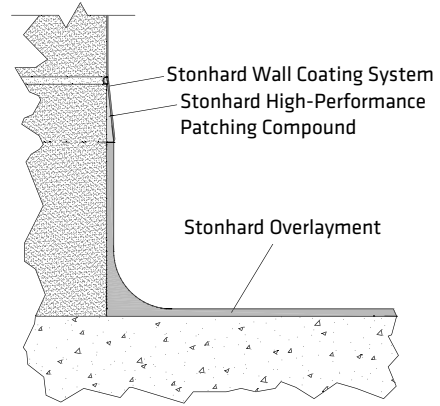
Silver Gray available in Stongard MR and Stongard MX only.

ENGINEERING DETAILS

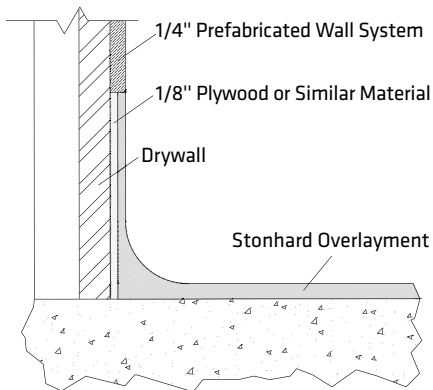
Stonhard is recognized globally for solving flooring problems. We are the world's largest turnkey, seamless flooring contractor committed to comprehensive management of each project from construction documentation to the final details. No hidden costs, no sudden change orders, and scrupulous attention to details.



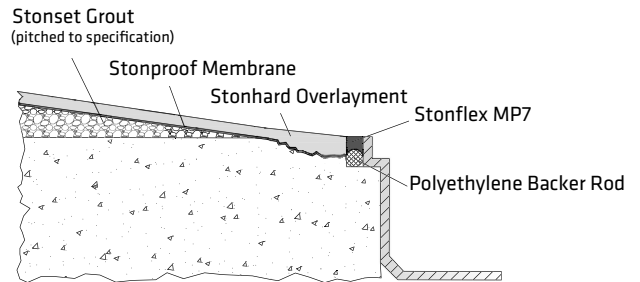
COVE BASE DETAIL WITH COVE STRIP



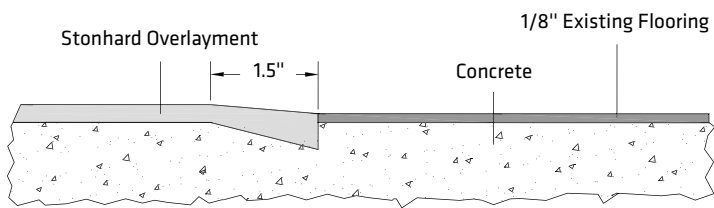
GMP COVE BASE DETAIL WITH CMU BLOCK



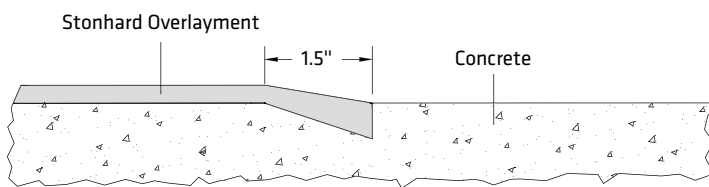
COVE BASE DETAIL
with pre-fabricated wall system



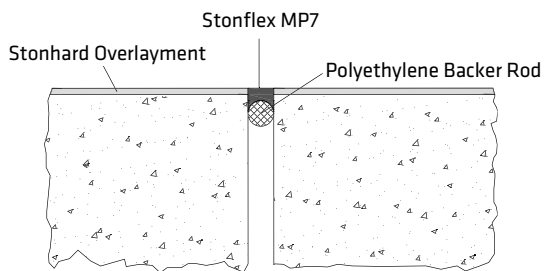
DRAIN ISOLATION DETAIL
pre-fabricated trench drain with membrane



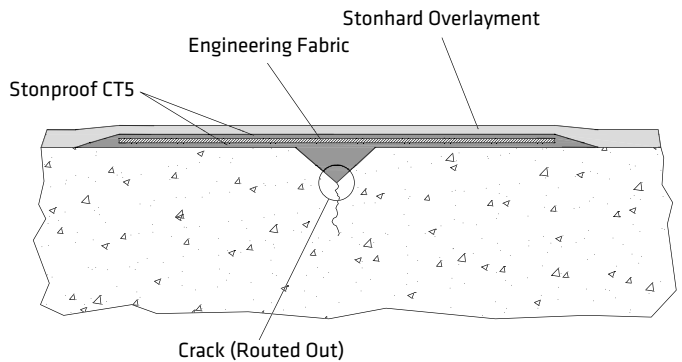
TRANSITION TO EXISTING FLOOR



STANDARD CHASE DETAIL



JOINT EXPANSION / ISOLATION JOINT DETAIL



CRACK TREATMENT
Stonproof CT5 with fiberglass reinforcement

STONHARD is a global leader in manufacturing and installing seamless floor, wall, and lining systems with sales operations in more than 65 countries.



1000 East Park Avenue
Maple Shade, NJ 08052

800.257.7953

Stonhard believes the information contained here to be true and accurate. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of these products and systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. ©2022.

stonhard.com

