



STONHARD®

MANUFACTURER & INSTALLER OF SEAMLESS FLOORS, WALLS & LININGS



Unprecedented leader in manufacturing and installing seamless floors for nearly a century.

STONHARD



YOUR SPACE. OUR FLOORS.

STONHARD SOLVES FLOORING PROBLEMS. 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/Engineer and Design teams, 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	9
	TOTAL HYGIENIC SOLUTIONS	10
	MORE BRANDS & SOLUTIONS	11
	STONCLAD	12
	STONSHIELD	14
	STONBLEND	16
	STONRES	18
	STONTEC	20
	STONLUX	22
	STONGARD	24
	ENGINEERING DETAILS	26



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

 **Education** – universities, schools, vocational & technical schools – classrooms, cafeterias, labs, libraries, multi-purpose 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, packing


 **Healthcare** – operation rooms, 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, packing, 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

Case Histories

Product Guide Specifications

Cleaning Procedures

Chemical Resistance Guides

Color Selection Guides

Safety Data Sheets

References

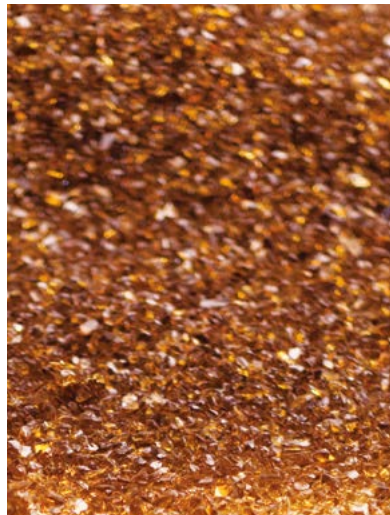


COLOR. SCALE. SCOPE.

Our floors are engineered for specific applications. From bustling, unrelenting process areas and kitchens, to soothing, healing environments; we manufacture and install seamless floors that meet your performance expectations and your design touchstones. In addition to a wide array of standard colors, we offer exclusive color palettes, tailored blends and customized logos. Our Territory Managers, along with our Architectural/Engineer and Design teams, will work with you to help with product selection.

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, www.stonhard.com or contact us for color sheets or samples. Custom color matching is available with sufficient lead time and minimum order requirements.

STONHARD



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 agro-based materials and utilize flexible packaging to eliminate pails and cans from entering the waste stream. HPDs – Our Architectural/Engineer and Design teams will provide HPDs on our flooring systems to assist in making healthy product choices.



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





TOTAL HYGIENIC SOLUTIONS

Food and beverage processing environments are driven by hygienic design, from floors to walls to drains. Stonhard has a partner with a world-leading producer of EHEDG-certified, stainless steel, hygienic drainage systems to provide our customers with the most complete, hygienic solutions available. These all-stainless steel drainage systems ensure excellent flow capacity and optimum hygiene along with minimum maintenance.

Stonhard is the exclusive provider of EHEDG-certified hygienic curbs to offer the best solutions to our food & beverage clients. This partner is the leading producer of hygienic wall protection for the food and beverage industry. They manufacture 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.

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

STONHARD HAS EVEN MORE FLOORING SOLUTIONS FOR HIGH PROFILE COMMERCIAL SPACES

Stonhard offers floors for every environment. 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, automotive showrooms & retail environments. www.liquidelements.com

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

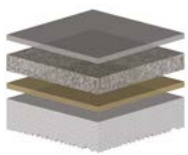
COATINGS & LININGS Six different chemistries for incomparable long-term protection in the most corrosive environments. The Stonchem product line leads the industry in protection for secondary containment, processing areas, chemical storage and battery rooms.

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 Smooth and seamless walls protect concrete, block, steel or drywall from splashes, spills, fumes and abrasion. Flake systems available too.

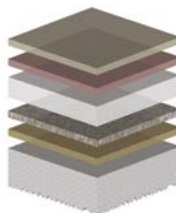
STONCLAD

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.



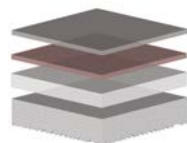
Stonhard Coating (Optional)
Stonclad (Mortar)
Stonhard Primer (Optional)
Substrate

ESD | GS | GR | G2 | HT | UR | UL | Xpress



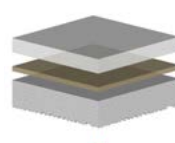
Stonkote HT4
Aggregate (Broadcast)
Basecoat
Aggregate (Broadcast)
Stonhard Primer
Substrate

LT



Stonhard Coating
Broadcast Aggregate
Stonclad (Mortar)
Substrate

UT



Stonclad UF
Stonhard Primer
Substrate

UF



STONCLAD® GS

Troweled epoxy mortar system providing superior impact and abrasion resistance with excellent 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® G2

Sustainable, polyurethane mortar system that utilizes recycled glass and plant-based resins. Formulated for food environments to withstand thermal shock and cycling.

STONCLAD® ESD

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

STONCLAD® HT

Ultra-corrosion resistant epoxy mortar system formulated to withstand higher temperatures.

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® UT

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

STONCLAD® UF

Hand troweled-applied, textured, polyurethane mortar system with excellent wear resistance. Self-priming and self-sealing for minimal downtime.

STONCLAD® LT

High-solids epoxy, multi-layer broadcast system with a high build epoxy which is ideal for light traffic surfaces.

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.

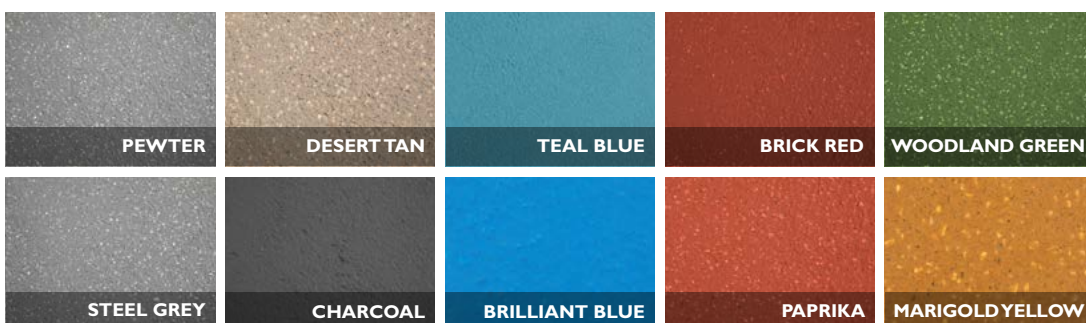
STONCLAD® TR Xpress

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



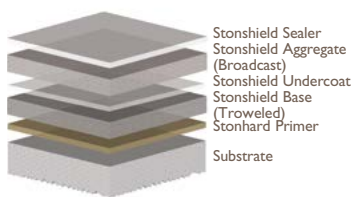
*Silver Gray and Cool Shale colors are not available with Stonclad UT system

The colors below are only available with Stonclad UF system

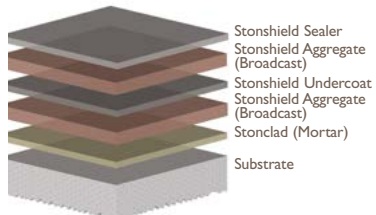


STONSHIELD

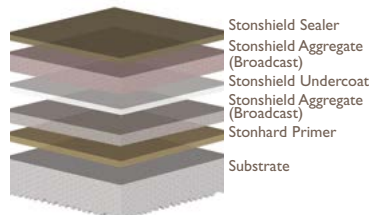
Textured, easy-to-clean, decorative floors that don't skimp on performance. These color quartz broadcast systems are a cost-effective option for light manufacturing areas. Discover the unlimited design capabilities available in various finishes, patterns and colors.



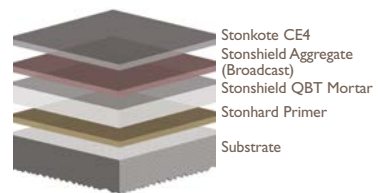
HRI



UTS



SLT | Xpress | URT | ESD



QBT



STONSHIELD® 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® 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® 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.

STONSHIELD® UTS

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

STONSHIELD® URT

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

STONSHIELD® ESD ⚡

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

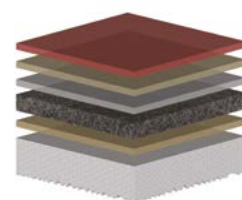
STONSHIELD® QBT

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.



STONBLEND

A workhorse for demanding environments, yet meets savvy design standards for today's planners. Smart, smooth, stain and wear-resistant floor system, Stonblend, a troweled, color quartz system offered in sophisticated patterns and color blends for a broad range of settings, including an exclusive formulation that utilizes recycled glass.



Stonseal Sealer
Stonkote CE4
Stonblend Groutcoat
Stonblend Mortar
Stonblend Primer
Substrate

GSI | GSI-G | HDF

STONHARD



STONBLEND® GSI

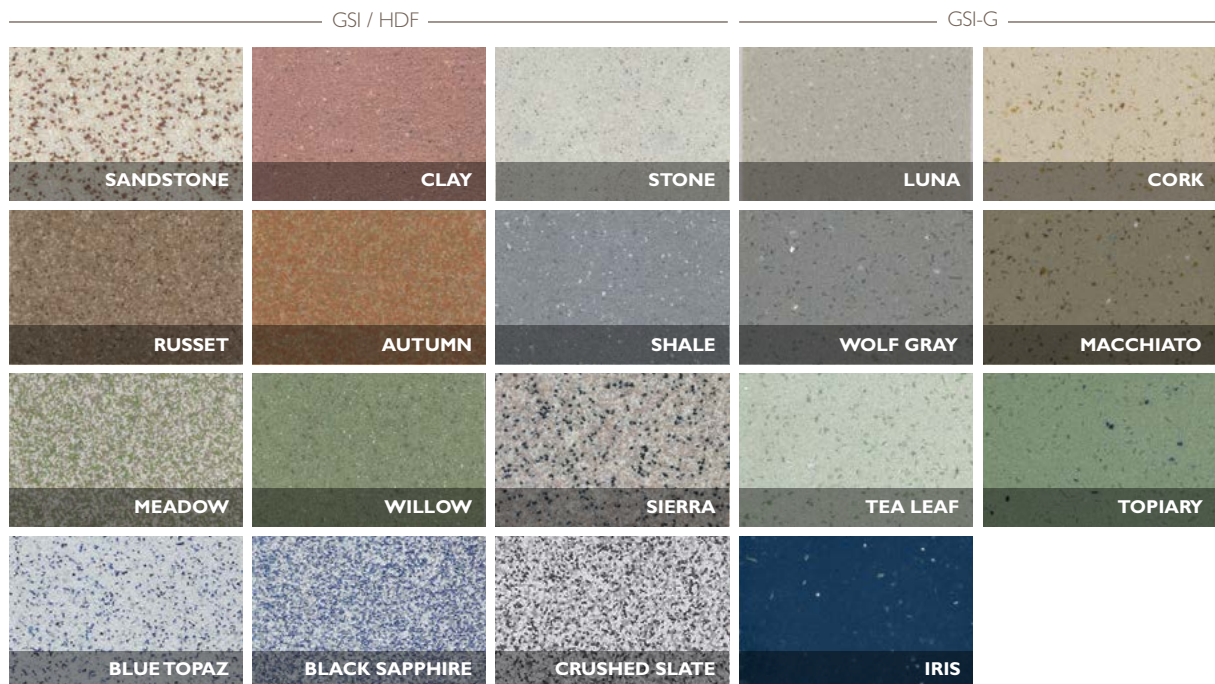
Striking appearance and cost-effective alternative to terrazzo. Perfect flooring solution for pharmaceutical and healthcare facilities, animal laboratories, packaging areas, plant offices, public areas and R&D facilities.

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.

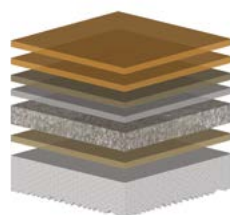
STONBLEND® HDF

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



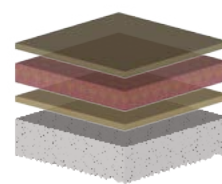
STONRES

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. Stonres SYN and Stonres DEC offer the same durability and design in systems created for outdoor spaces.



Stonseal Sealer
RTZ Skimcoat
Stonseal Sealer
Stonres Groutcoat
Stonres RTZ Mortar
Stonhard Primer
Substrate

RTZ



Stonseal Sealer
Stonres Mortar
Stonhard Primer
Substrate

STR

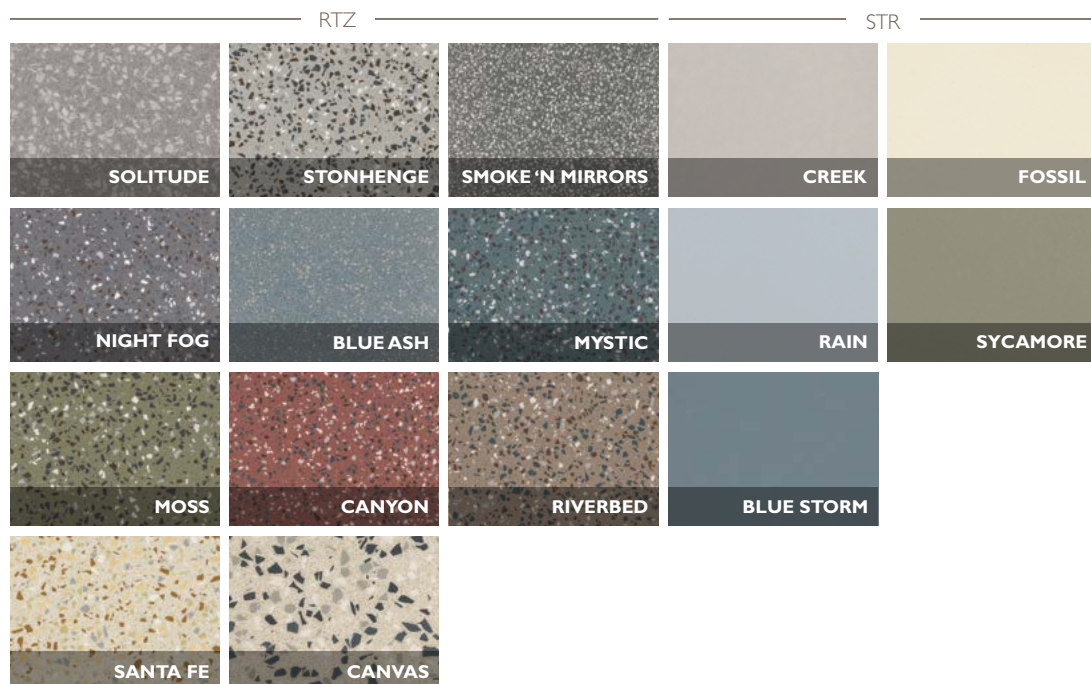


STONRES® RTZ

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.

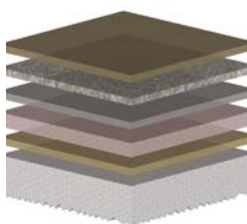
STONRES® STR

Ergonomic, resilient, noise-reducing urethane floor in a solid, matte finish. It is also ideal for open space projects, such as corridors and labs in hospitals and schools.



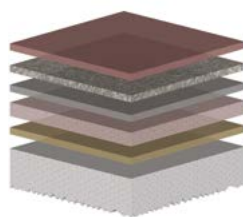
STONTEC

A dense, stain-resistant flake system, with an extensive range of finishes and color options. Stontec floors minimize downtime for renovations, and save critical path time on new construction projects, while offering exceptional design options.



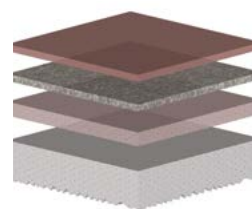
Stonhard Sealer (Two Coats)
Stontec Flakes (Broadcast)
Stontec Undercoat
Aggregate (Broadcast)
Stonhard Primer
Substrate

ERF | UTF | Xpress



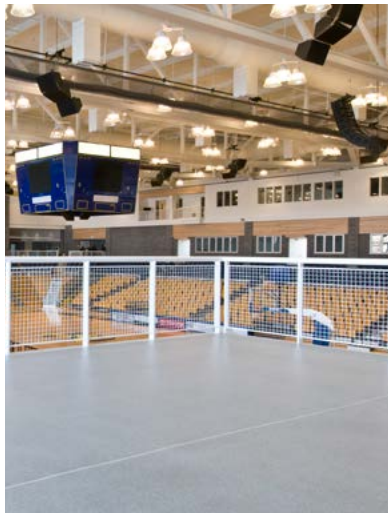
Stonseal CA7 (Two Coats)
Stontec Flakes (Broadcast)
Stontec Undercoat
Stonclad UR Base (Troweled)
Stonhard Primer
Substrate

TRF



Stonkote CE4
Stontec Flakes (Broadcast)
Stontec QBF Base
Substrate

QBF



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

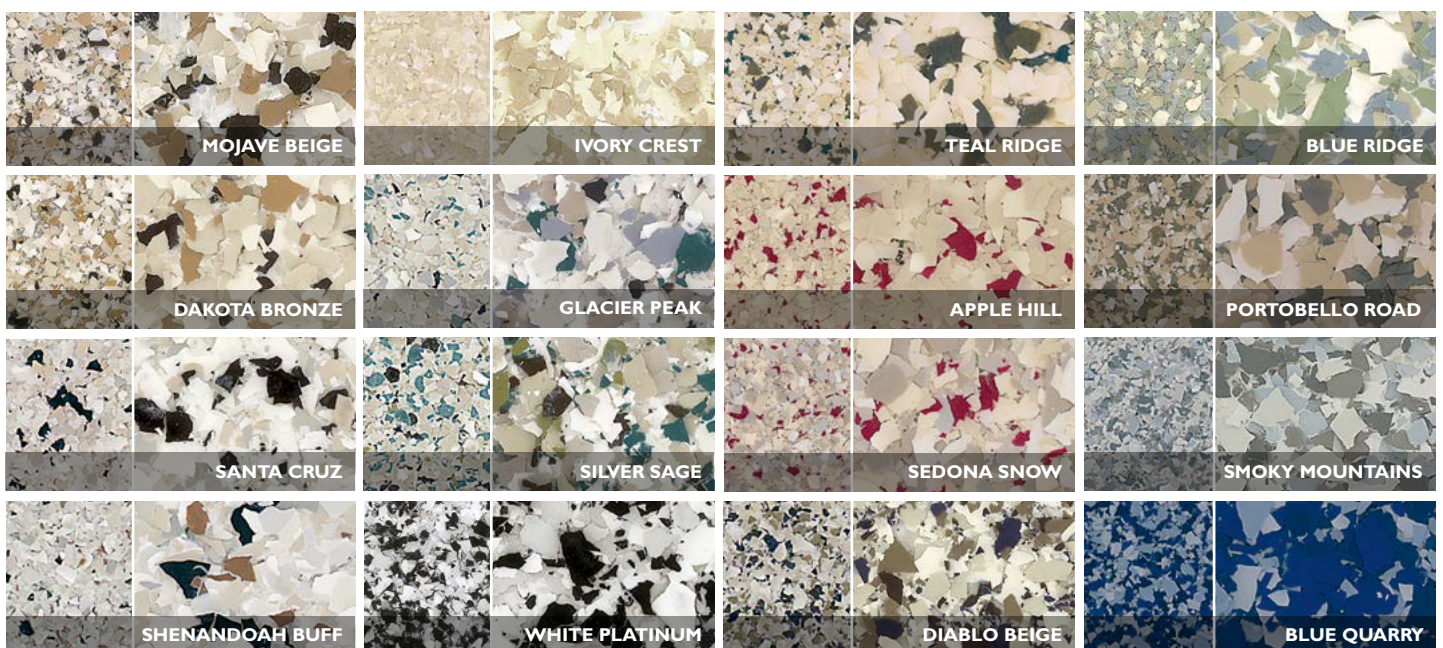
Liquid-based urethane system designed for durability and impact resistance when a quick installation is necessary; two day install.

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

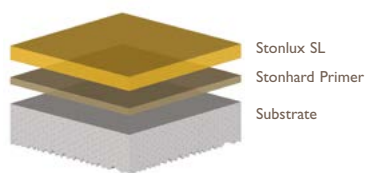
Methyl methacrylate resin-based system, distinguished by its rapid installation time. Chemical, stain and wear-resistant floor available in a low gloss finish. Found in healthcare, education environments, laboratories, process areas, retail, sports and entertainment venues.



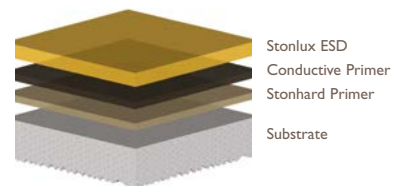
Available in small or large flake finish

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

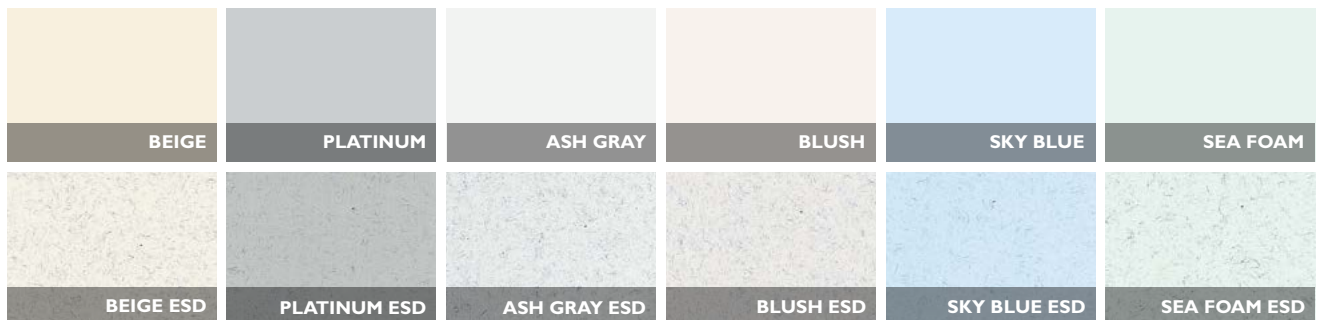


STONLUX® SL

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 and clean room environments.

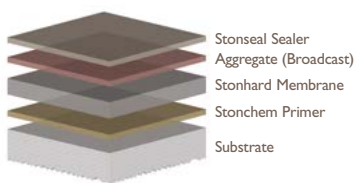
STONLUX® ESD ⚡

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 electrical specifications. Use in electronics manufacturing and assembly areas, computer/control/clean room environments, as well as areas where munitions are present.

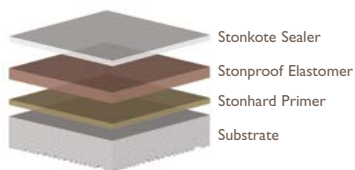


STONGARD

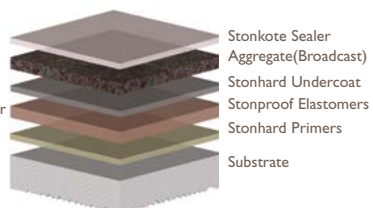
Slip, abrasion and crack-resistant systems fill the niche for parking garages and mechanical equipment rooms by providing premiere traffic-bearing membranes and superior positive-side waterproofing moisture protection. Stongard can improve safety in garages. Four superbly designed systems offer reliable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



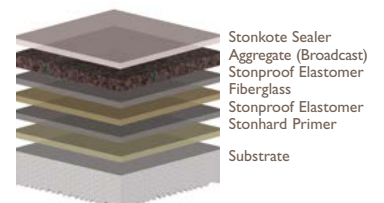
TM



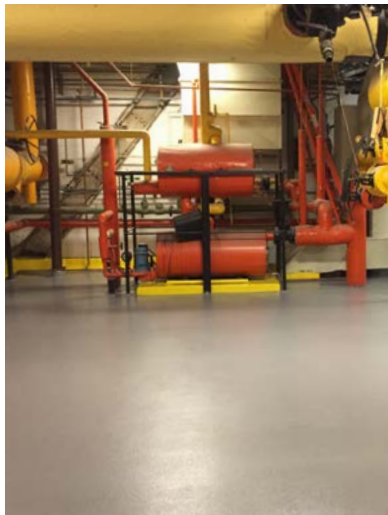
MR



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 elastomer-based 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 elastomer-based, 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.

STONGARD™ MX

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



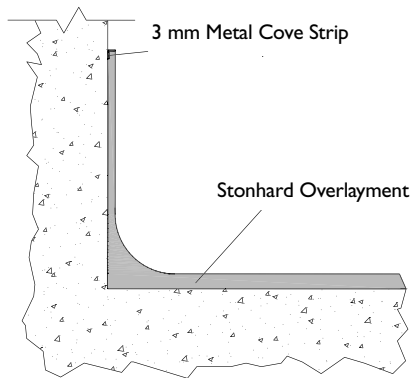
*Silver Gray available in Stongard MR and Stongard MX only

The colors below are only available with Stongard MD system

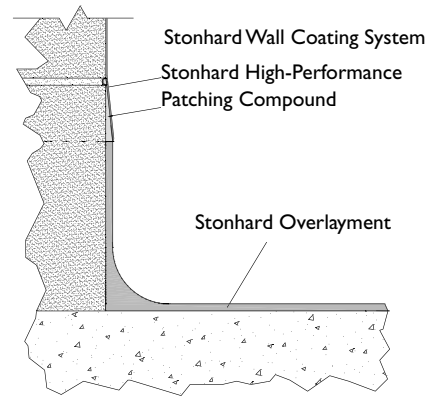


ENGINEERING DETAILS

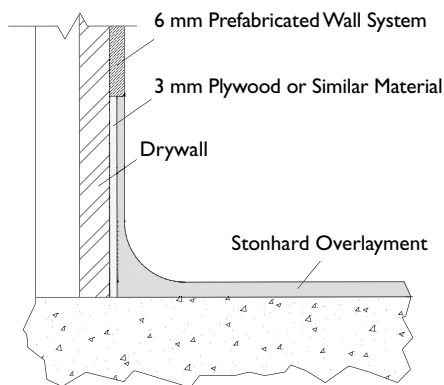
Stonhard is recognized globally for solving flooring problems. We are the world's largest turnkey, seamless flooring contractor committed to comprehensive management of each project from construction documentation to the final details. No hidden costs, no sudden change orders and scrupulous attention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



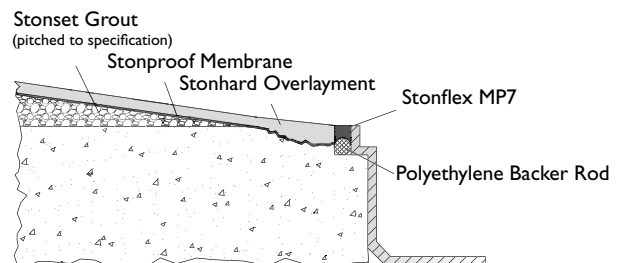
COVE BASE DETAIL WITH COVE STRIP



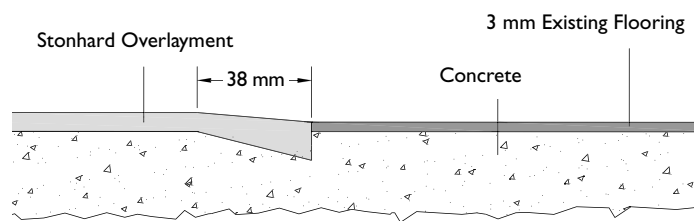
GMP COVE BASE DETAIL WITH CMU BLOCK



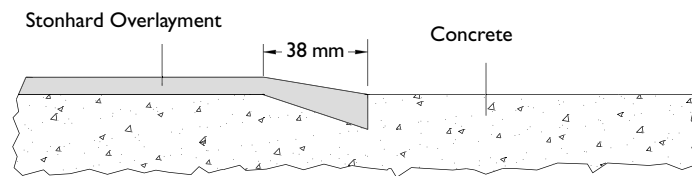
COVE BASE DETAIL
with Pre-fabricated Wall System



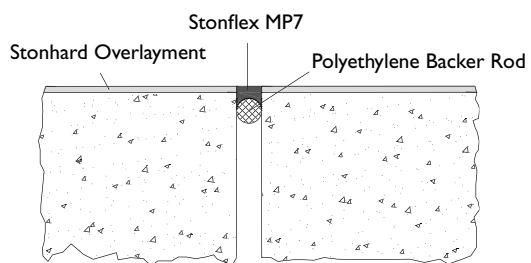
DRAIN ISOLATION DETAIL
Pre-fabricated Trench Drain with membrane



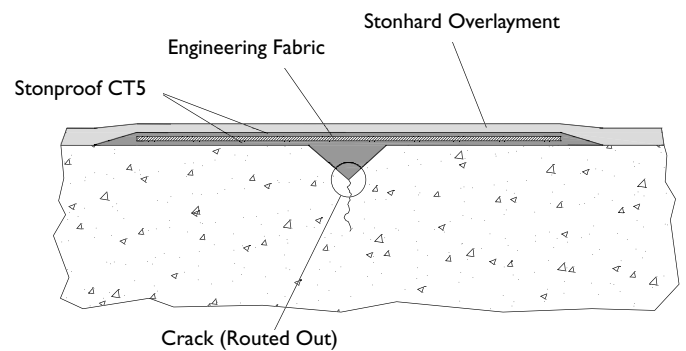
TRANSITION TO EXISTING FLOOR




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.

STONHARD

Zilverenberg 18, 5234 GM
's-Hertogenbosch, The Netherlands
+ (31) 165 585 200 www.stonhard.com

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. ©2021

Stonhard HQ
Maple Shade, NJ 08052
USA
stonhard.com

