

RESINOUS FLOORING SYSTEM GUIDE



www.resinwerks.com

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OVER ACHIEVEMENT UNDER FOOT.

From industrial-strength coatings to refined decorative finishes, Resinwerks is your partner in creating floors that look great and perform even better.

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About Our Products

Your floors deserve the best. That's why our resinous concrete floor systems and products are engineered to meet the demands of any environment, delivering durability, performance, and a finish that stands the test of time.



Superior Durability & Custom Finish

EPX-Q: Heavy-duty double broadcast seamless quartz flooring application. Available with a range of primer options including a vapor barrier epoxy for protection against elevated moisture vapor emission levels. Combines high-quality crystal-clear epoxies with performance urethane or polyaspartic topcoats for long-term durability.

KTX-Q: A fast-drying double broadcast quartz application that incorporates fast-cure Kinetic® polyaspartic base coats, grout, and topcoats. This system provides for minimal installation down time while providing a UV stable, chemical resistant finish. Available in an unlimited number of colors and blends, the system can be modified to accommodate varying substrate conditions, installation time frames, and coefficient of friction (traction) requirements.

BIO-CEM SLQ: Industrial strength hybrid-decorative quartz flooring application for heavy-duty applications. This system incorporates a 1/8" polyurethane concrete slurry primer, followed by a double broadcast quartz. The SLQ system is grouted with a water-clear and chemical resistant 100% solids epoxy and finished with an aggregate fortified high-wear urethane in either a semigloss or satin finish. Available in an unlimited number of colors and blends, this system can be modified to accommodate varying substrate conditions, installation time-frames, and coefficient of friction (traction) requirements.

SEAMLESS QUARTZ FLOOR SYSTEMS

COLORED QUARTZ AGGREGATE FLOORING

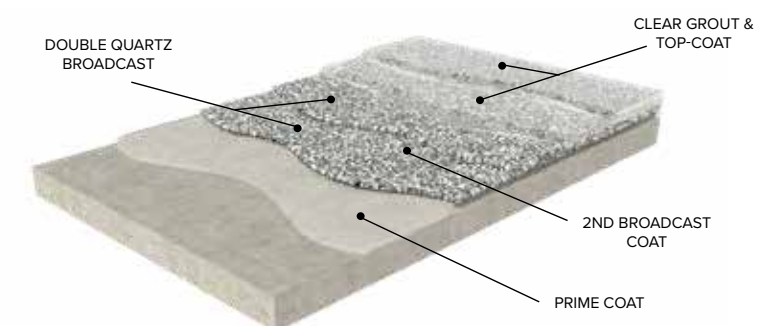
Quartz flooring systems are ideally suited for high-traffic areas where added durability and traction is required. This system incorporates 2-layers of UV stable blended colored quartz that is then grouted and top-coated with high-performance resins. Offering high impact resistance, quartz is suitable for the heavy-traffic commercial and industrial applications.

APPLICATIONS

- ◆ Schools & Hospitals
- ◆ Significant Foot Traffic
- ◆ Interior/Exterior Breezeways
- ◆ Animal Facilities
- ◆ Locker Rooms

ADVANTAGES

- ◆ 0 & low VOC systems
- ◆ 8 stocked colors + custom
- ◆ Adjustable texture
- ◆ High impact resistance
- ◆ Superior abrasion resistance



Custom Finishes & Excellent Durability

EPX-F: SA seamless decorative flake epoxy broadcast system designed for light to medium duty environments. It incorporates a pigmented primer/broadcast coat, followed by a full decorative flake broadcast. The system is grout and top-coated with a single coat of either high-solids or 85% solids polyaspartic. Available in a gloss or satin finish with standard Resinwerks flake blends. Custom blends, including hybrid stone blends are also available.

EPX-F-HD: A seamless decorative flake epoxy broadcast system designed for heavy-traffic settings. It incorporates a pigmented primer and broadcast coat, followed by a full decorative flake broadcast. The system is grouted with a high-solids water-clear grout coat and finished with a high-traffic urethane for added abrasion & chemical resistance. Available in a semi-gloss or satin finish with standard Resinwerks flake blends. Custom blends, including hybrid stone blends are also available.

KTX-F: A decorative flake epoxy broadcast system designed for rapid return to service & cold-climate applications. It incorporates a range of fast-cure primer options including rapid-setting epoxies as well as polyaspartic coating options. The system is then broadcast to rejection and then top-coated with one of three clear high polyaspartic topcoat options. This UV-stable seamless decorative flake system exhibits fantastic long-term substrate adhesion and is ideal for a range of applications requiring a minimal installation downtime.

BIO-CEM SLF: A hybrid Urethane Cement / Decorative Flake broadcast system engineered for applications requiring a self-leveling base coat. This system incorporates a 1/8" polyurethane concrete slurry primer, followed by a decorative flake broadcast. The SLF system is grouted with a water-clear and chemical resistant 100% solids epoxy and finished with an aggregate fortified high-wear urethane in either a semi-gloss or satin finish.

CHIP & FLAKE FLOOR SYSTEMS

EPOXY & POLYASPARTIC FLAKE FLOORING

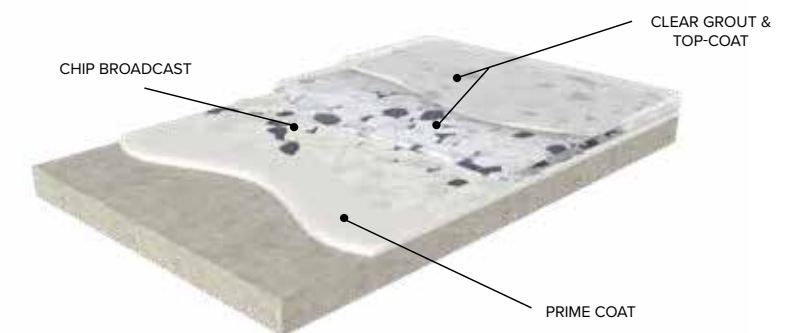
Resinwerks' seamless chip systems provide owners with a highly customizable finish that performs very well in heavy traffic environments. These applications incorporate a vinyl paint chip broadcast into the resin matrix. Easily maintained, chip systems are suitable for a variety of commercial and residential applications.

APPLICATIONS

- ◆ Residential Garages
- ◆ Commercial & Retail
- ◆ Simulated Terrazzo Finishes
- ◆ Animal Facilities
- ◆ School & Locker Rooms

ADVANTAGES

- ◆ 0 & low VOC systems
- ◆ 12 stocked colors + custom
- ◆ Smooth or textured finish
- ◆ High abrasion resistance
- ◆ Fast-turn-around



Striking Metallic Design Finishes

EPX-METALLIC: Metallic epoxy flooring system offering a range of primer options including vapor barrier epoxy. This is followed by a 100% solids pigmented intermediate coat, 100% solids cycloaliphatic water-clear metallic coat and high-traffic urethane finish.

METALLIC FLOOR SYSTEMS

SUSTAINABLE DECORATIVE COATINGS

Resinwerks™ metallic systems provide designers with a truly one of a kind seamless floor designed to enhance any environment. These applications incorporate highly reflective metallic pigments that provide for incredible color depth and range. Ideally suited for retail showrooms and other commercial applications.

APPLICATIONS

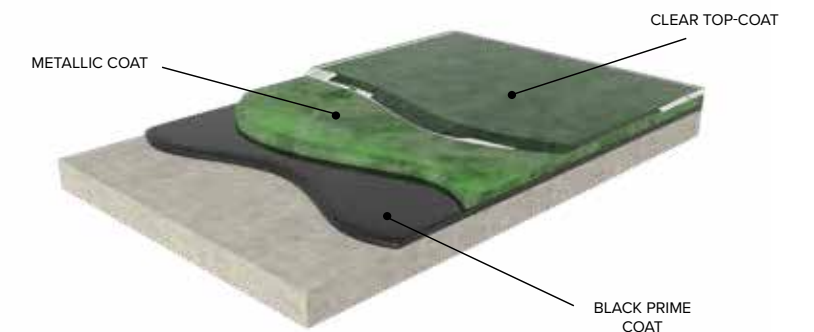
- ◆ Retail Showrooms
- ◆ Restaurant Floors
- ◆ Residential Garages
- ◆ Galleries
- ◆ Malls & Grocery

ADVANTAGES

- ◆ 0 & low VOC systems
- ◆ 12 stocked colors + custom
- ◆ Highly reflectivity
- ◆ Superior color range & depth
- ◆ Smooth or textured finish



Pomegranate



Superior Performance & Low Maintenance

EPX-S: Solid color shop floor coating system offering a range of primers including an optional chemical resistant vapor barrier epoxy primer. This is followed by a 100% solids self-leveling pigmented epoxy intermediate coat and finished with a high-wear urethane topcoat for added durability and color stability.

EPX-B: Solid-Color broadcast system that incorporates a multi-sized angular aggregate into the coating system for added texture and impact resistance. The application is grouted with a 100% Solids epoxy intermediate coat and then finished with a high-wear urethane.

EPX-IOP: A specialized industrial flooring application intended for medium duty-applications. This system incorporates an integral layer of vinyl flake for moderate texture and enhanced impact resistance. Flake aggregate is broadcast to refusal, then grouted with a pigmented high-solids polyaspartic and sealed with a pigmented high-traffic urethane.

EPX-NV: Designed for environments exposed to significant chemical attack, EPX-NV incorporates 2 lifts of Resinwerks Novolac Epoxy (primer and topcoat). Offering excellent protection against a range of acids, solvents and other chemicals, Novolac epoxy is an excellent choice for industrial environments.

EPX-MR: 1/8" - 1/4" Epoxy Mortar system engineered for industrial concrete resurfacing applications. Ideal for floor requiring a high degree of impact resistance. Available with multiple Resinwerks topcoat options..

KTX-S: A solid-color floor thin-mil coating system designed for a shop floors, mechanical rooms and other applications requiring limited installation downtime. UV stable and highly chemical resistant, KTX-S is an excellent choice for a variety of high-traffic applications. This versatile system is ideal for all types of applications and is suitable for daily vehicular and forklift traffic.

BIO-CEM SLB: A self-leveling polyurethane cement application that will achieve a thickness of 3/16". SLB provides a lightly textured surface ideal for medium duty applications requiring enhanced resistance to thermal shock, impact and chemical attack. Available with a range of epoxy, polyaspartic and urethane cement topcoat options depending on the requirements of the application.

INDUSTRIAL FLOOR SYSTEMS

HIGH-PERFORMANCE POLYMER FLOORING

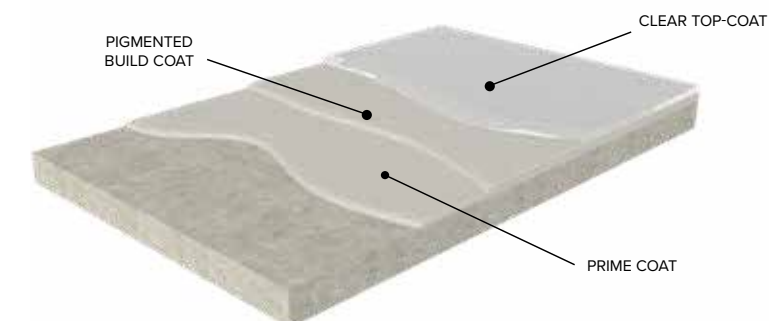
Resinwerks offers a variety of solid color floor coatings for commercial and industrial applications. Available in a multitude of colors & finishes, these applications offer building owners and facility managers a fully customizable, low-cost system engineered to fit their needs.

APPLICATIONS

- ♦ Auto Service & Repair
- ♦ Aviation Hangers
- ♦ Industrial Manufacturing
- ♦ Warehousing
- ♦ Grow Rooms / Laboratories

ADVANTAGES

- ♦ 0 & low VOC systems
- ♦ 16 standard colors
- ♦ Gloss or Satin Finish
- ♦ High abrasion resistance
- ♦ Fast-turn-around





Red

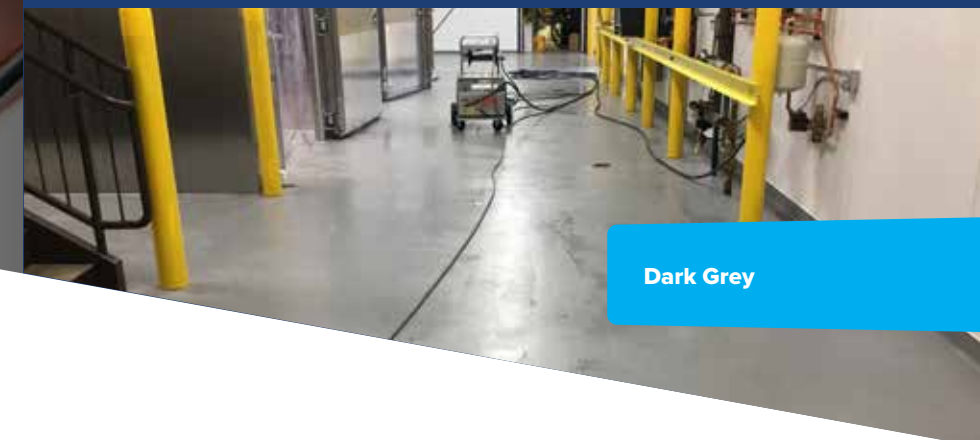
Our Most Industrial Strength Floor

BIOCEM™ SL: A medium-duty, self-leveling polyurethane concrete application that is applied at a thickness of 1/8" and may be broadcast into and top-coated to achieve any number of desired finishes. It withstands moderate thermal shock and provides for resistance to concrete moisture vapor emissions, impact, and chemical attack.

BIOCEM™ MF: Heavy-duty monolithic polyurethane concrete application that is applied at a thickness of 3/16" and may be broadcast with sand up to a final thickness of 1/4". Offering superior resistance to impact, thermal shock, and moisture vapor emissions, BioCem MF may be installed with either a BioCem TC topcoat, UV stable Kinetic polyaspartic topcoat or chemical resistant Novolac Epoxy topcoat.

BIOCEM™ SF: A slurry applied polyurethane concrete designed for heavy-duty applications. SF is installed at a thickness of 3/16" and broadcasted to a final thickness of 1/2". This environmentally friendly formulation incorporates plant-based raw materials with low-odor and minimal VOCs. BioCem SF is suitable for environments experiencing significant levels of thermal shock, impact and chemical attack.

BIOCEM™ HF: Trowel applied monolithic polyurethane concrete designed for ultra-heavy-duty applications experiencing significant levels of thermal shock. HF is commonly installed at a thickness ranging from 1/4" to 1/2" and in some cases thicker depending on thermal shock requirements and traffic severity of the application. HF floors are exceptionally tough and have many physical properties that exceed those of typical concrete.



Dark Grey

POLYURETHANE CONCRETE FLOOR SYSTEMS

HEAVY DUTY MORTAR SYSTEMS

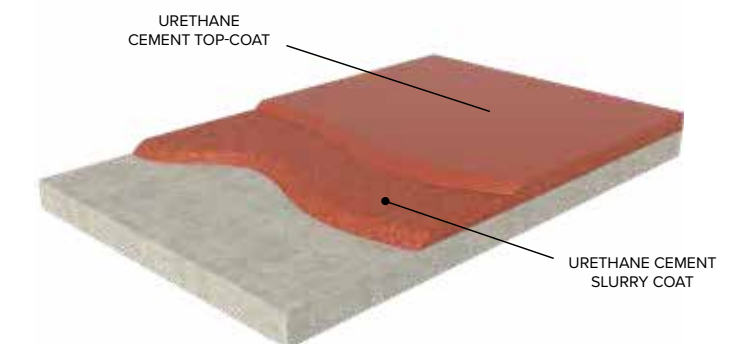
Resinwerks urethane concrete provides superior thermal shock and impact resistance. Select from a variety of systems including self-leveling & slurry matrix options to create a highly functional coating suitable for extreme environments, Resinwerks Urethane Cement may be top-coated with any Resinwerk's urethane or epoxy top-coat system.

APPLICATIONS

- ◆ Commercial Kitchens
- ◆ Food Manufacturing
- ◆ Heavy Manufacturing
- ◆ Breweries
- ◆ Chemical Plants

ADVANTAGES

- ◆ Rapid return to service
- ◆ Thermal shock resistance
- ◆ Moisture resistant
- ◆ High chemical resistance
- ◆ Smooth or textured finish



Commercial & Residential Application

EPX-CS: Contemporary clear concrete finish application consisting of a fast-setting water-based epoxy primer followed by a single coat of high-wear urethane. Available in a semi-gloss or satin finish. Aggregate loads may be adjusted for traction/COF requirements.

KTX-CS: Contemporary clear concrete finish application consisting of a fast-setting water-based epoxy primer followed by a single coat of high-solids polyaspartic. Aggregate loads may be adjusted for traction/COF requirements

CLEAR SEALER FLOOR SYSTEMS

MODERN, CHEMICAL RESISTANT FLOORING

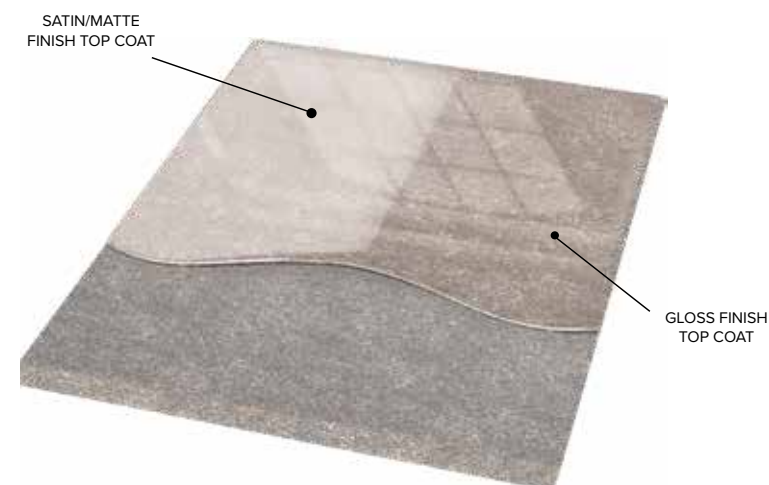
Grind & Seal applications from Resinwerks offer owners the look and feel of polished concrete with a highly chemical & abrasion resistant finish. Significantly enhance the look and character of existing concrete for minimal cost. Ideal for both old and new slabs, concrete may also be stained prior to application.

APPLICATIONS

- ◆ Residential Garages
- ◆ Residential Basements
- ◆ Commercial & Retail
- ◆ Living Spaces
- ◆ Shop Floors

ADVANTAGES

- ◆ 0 & low VOC systems
- ◆ Contemporary & unique look
- ◆ Smooth or textured finish
- ◆ High abrasion resistance
- ◆ Fast-turn-around



Simulated Polished Terrazzo Flooring

SIMULATED TERRAZZO FLOOR SYSTEMS

SIMERRAZZO™ BY RESINWERKS

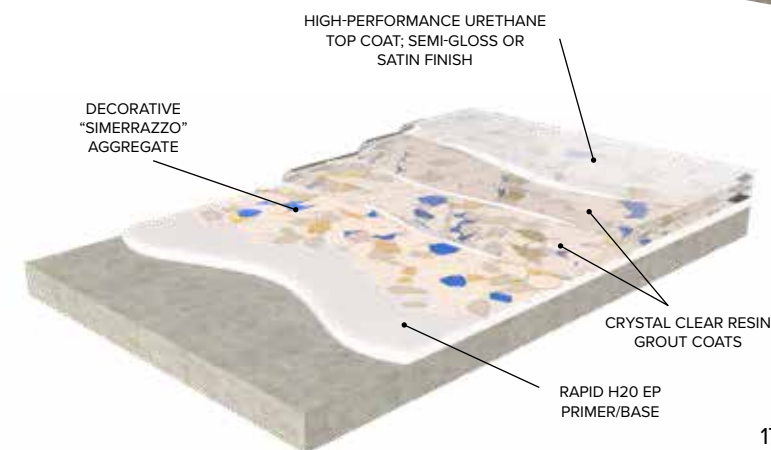
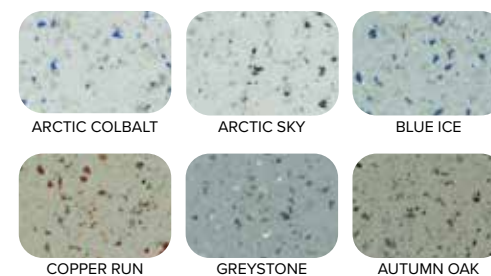
A vibrant and contemporary finish that closely resembles polished terrazzo flooring. This system is ideal for situations where a value-engineered equivalent to a terrazzo finish is required. Available in six designer-curated blends with the capability to easily adjust colors and sheen. Blends are infinitely customizable and can incorporate a host of reflective and translucent aggregates to simulate a wide range of decorative terrazzo finishes.

APPLICATIONS

- ◆ Schools & Universities
- ◆ Healthcare
- ◆ Retail
- ◆ Show Rooms
- ◆ Residential
- ◆ Stadiums

ADVANTAGES

- ◆ USGBC LEED Version 4/4.1 BD&C, ID&C, Residential BD&C Multifamily
- ◆ The WELL Building Standard, WELL V2, Feature X06
- ◆ ANSI/GBI 01-2019 Green Globes Assessment Protocol



PRODUCT OFFERING



POLYASPARTICS	SKU
Kinetic 2-gal Kit	211-0000-02
Kinetic 10-Gal Kit	211-0000-10
Kinetic® 85 2-gal kit	212-0000-02
Kinetic® 85 Slow Set 2-gal kit	212-slow-02
Kinetic® 85 10-gal kit	212-0000-10
Kinetic® 85 Slow Set 10-gal kit	212-slow-10
Kinetic® HS 2-gal kit	214-0000-02
Kinetic® HS Slow Set 2-gal kit	214-slow-02
Kinetic® HS 10-gal kit	214-0000-10
Kinetic® HS Slow Set 10-gal kit	214-slow-10
Kinetic® HS Pigmented 10-gal kit	214-____-10
EPOXIES	SKU
Vapor Barrier 3-gal Kit	100-0000-03
Vapor Barrier Pigmented 3-gal Kit	100-____-03
Vapor Barrier Fast-Cure 2.75-gal Kit	100-fast-275
Vapor Barrier Fast-Cure Pigmented 2.75-gal Kit	100-fast-____-275
BioCure 1100 EP 10-gal Kit	110-0000-10
BioCure 1100 EP Pigmented 10-gal Kit	110-____-10
LevelGuard Clear 3-gal Kit	130-0000-03
LevelGuard Clear 15-gal Kit	130-0000-15
Rapid H2O EP 3-gal Kit (4G mixed)	140-0000-03
Rapid H2O EP Pigmented 3-gal Kit (4G mixed)	140-____-03
Epoxy Mortar Resurfacer 3-gal Kit	150-0000-03
Epoxy Mortar Resurfacer 15-gal Kit	150-0000-15
WBE 500 Primer/Finish Cloud Gray 3-gal kit	160-b102-03
Novolac Epoxy Gray 6-gal kit	170-0000-06
URETHANE TOPCOATS	SKU
CRU 2-gal kit	200-0000-02
HDC 100 550 sq.ft. kit	220-0000-01
HDC 100 550 sq.ft. kit Satin	220-1111-01

URETHANE CEMENT	SKU
BioCem™ SL 52 sq.ft. kit @ 1/8"	250-SL-Kit
BioCem™ MF 42 sq.ft. kit @ 1/4"	250-MF-Kit
BioCem™ TC 200 sq.ft. kit	250-TC-Kit
BioCem™ Accugade .6 cubic ft kit	250-ACCU_Kit
BioCem™ Cove Base kit	250-CB-Kit
PIGMENTS	SKU
Universal Pigment Pt	510-____-Pt
Universal Pigment Qt	510-____-Qt
Universal Pigment Safety Colors Pt	510-____-Pt
Universal Pigment Safety Colors Qt	510-____-Qt
Metallic Pigment 12oz	620-____-12oz
BioCem Powder Pigments 1 lb	252-____-1#
FLAKES	SKU
Signature Blends 40 lb 1/4"	600-____-40#-1/4
Signature Blends 40 lb 1/8" & Smaller	600-____-40#-1/8
Marble Blends 40 lb 1/4"	600-____-40#-1/4
Marble Blends 40 lb 1/8" & Smaller	600-____-40#-1/8
Stone-Hybrid Blends 40 lb	600-____-40#
Simerrazzo™ Blends 40 lb	600-____-40#
QUARTZ	SKU
Solid Color 40-S 50lb	610-____-50#
Decorative Blends 40-S 50lb	610-____-50#
Multi-Cast Fine 50lb	612-000F-50#
Multi-Cast Extra-Fine 50lb	612-00XF-50#
REPAIR & COVE	SKU
Cove Resin 3-gal kit	643-0000-03
Semi-Rigid Epoxy Joint Filler 2-gal kit	640-0000-02
Kinetic Patch 2-gal kit	645-0000-02
Kinetic Patch 4-gal kit	645-0000-04
TRACTION ADDITIVE	SKU
20-Mesh 16oz	615-0020-16
40-Mesh 16oz	615-0040-16
60-Mesh 16oz	615-0060-16

PROJECT SUPPORT & SAMPLES

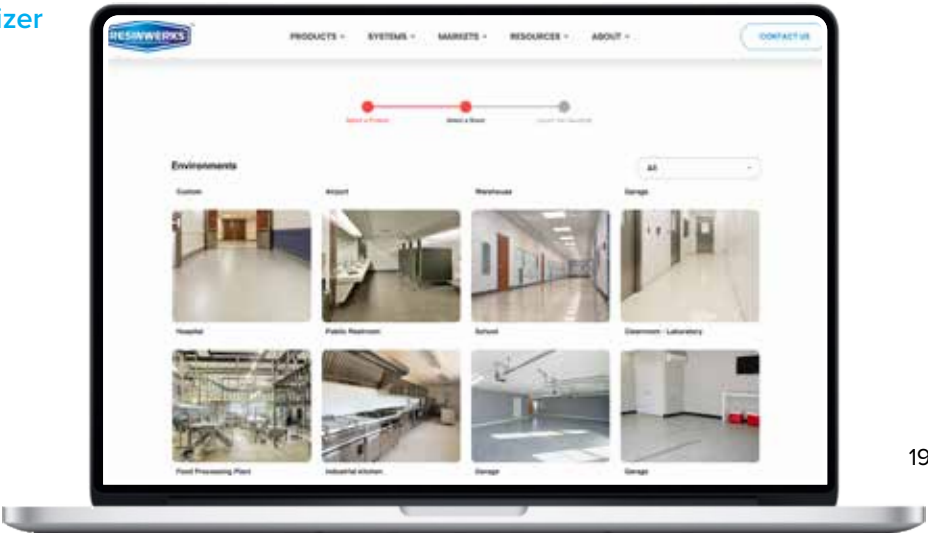
Are you considering resinous flooring for your next project? Whether you are evaluating options for a new industrial manufacturing facility or a decorative retail space, Resinwerks is here to help. Our team brings decades of resinous flooring specification and system engineering expertise to help you create a flooring solution that will look great and stand the test of time. In addition to product literature and color cards, Resinwerks is pleased to offer a full portfolio of complimentary system samples spanning our wide range of colors and finishes. Please contact us today to learn more!



FLOORING VISUALIZER

Quickly and easily customize your resinous flooring finishes and visualize them in real time. Select from several pre-loaded environments or upload your own! The Resinwerks flooring visualizer offers endless potential to help you create your next project. Try it today at:

resinwerks.com/flooring-visualizer



About Us

Resinwerks manufactures sustainable industrial coatings that offer superior performance, quality, and value. Supported by a team of veteran resinous flooring professionals, we are committed to delivering the very best products to facility owners and our trusted contractor partners. Our products are manufactured domestically and conveniently shipped direct to you.

Sustainable Products

Our product line was designed from the ground up to focus on the latest in environmentally conscious resins and additives. In addition, we have largely substituted water for harsh solvents, making our products safer to use and better for our environment. For our clients, this means less hazardous emissions and superior long-term performance.

Product & Specification Support

For assistance designing your next project, ordering samples, or securing an installation quote, please contact: info@resinwerks.com or 720-484-5160

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