

POLYMER FLOORING SYSTEM & PRODUCT GUIDE



MAIN OFFICE
7205 Gilpin Way, Suite #200
Denver, CO 80229

MIDWEST PLANT & FUFILLMENT
605 E Swager St
Fremont, IN 46737

NORTHEAST OFFICE
226 Innovative Way, Suite A
Nashua, NH 03062

www.resinwerks.com

(720) 484-5160

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.

PROJECT SUPPORT & SAMPLES

Considering resinous flooring for your next project? Whether you are evaluating options for a new industrial manufacturing facility or a decorative retail space, Resinwerks can help.

- ◆ Specification and system design to help you create a flooring solution to suite the unique requirements of your project.
- ◆ Product literature, color cards and a full portfolio of system samples spanning our wide range of colors and finishes.
- ◆ AIA approved continuing education seminars to help keep you up to date on the latest technology and industry trends.



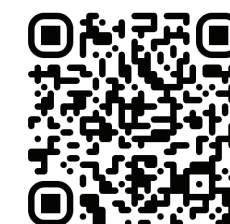
About Our Products

Designed to meet the needs of today's facility, we engineer seamless resinous flooring systems that deliver a highly functional and durable finish that will stand the test of time. Manufactured in the USA, our products are shipped directly from our Midwest factory or one of two west and east-coast distribution centers.

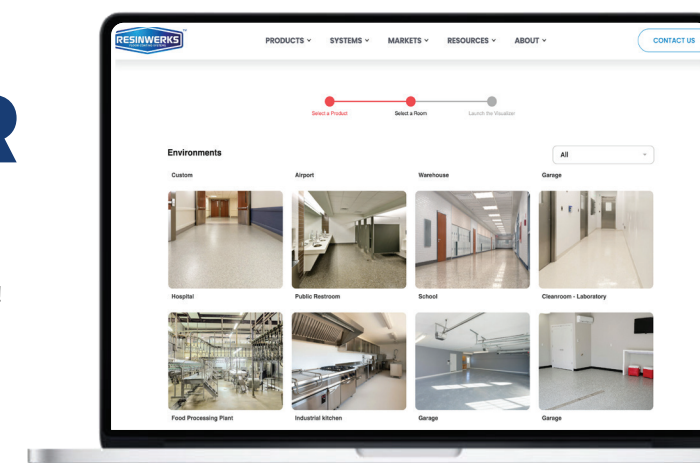
FLOORING VISUALIZER

Quickly and easily customize your resinous flooring finishes and visualize them in real time. Select from several pre-loaded environments or upload your own!

Try it today at:



resinwerks.com/flooring-visualizer





Superior Durability & Custom Finish

EPX-Q:

Heavy-Duty Epoxy / Urethane Seamless Quartz System.

- ◆ Available with a range of primer options, including Vapor Barrier Epoxy
- ◆ High quality crystal-clear epoxy resins
- ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

KTX-Q:

Fast-drying seamless quartz application.

- ◆ Incorporates Kinetic™ polyaspartic base, intermediate and top coats.
- ◆ Minimal installation downtime
- ◆ UV stable finish

BIO-CEM SLQ:

Industrial-grade hybrid urethane cement decorative quartz flooring application.

- ◆ 1/8" BioCem SL Urethane Cement Base Coat
- ◆ Water-Clear broadcast and grout coats
- ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

SEAMLESS QUARTZ FLOOR SYSTEMS

COLORED QUARTZ AGGREGATE FLOORING

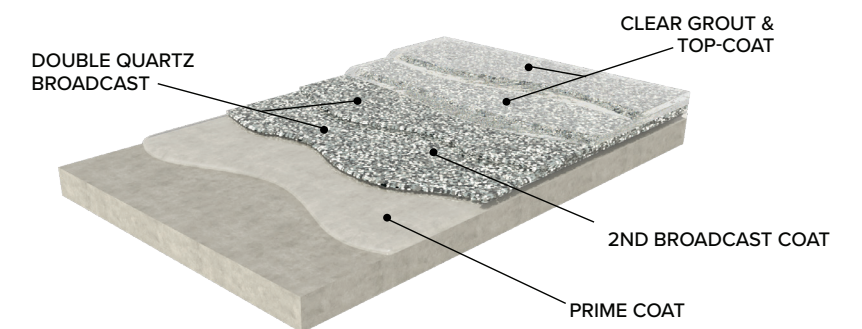
Quartz flooring systems are Ideally suited for high-traffic areas where added durability and traction are required. This system incorporates 2-layers of UV stable blended colored quartz that is then grouted and top-coated with high-performance resins. Offering high impact resistance, quartz is suitable 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:**
Seamless decorative flake epoxy broadcast system for light to medium duty environments.
- ◆ Select from a range of primer & broadcast coat options, including Vapor Barrier Epoxy.
 - ◆ Grout/Top-coat with UV stable Kinetic™ Polyaspartic coating.
 - ◆ Available in gloss finish.

- EPX-F-HD:**
Seamless decorative flake flooring designed for heavy-traffic environments.
- ◆ Select from a range of primer & broadcast coat options, including Vapor Barrier Epoxy.
 - ◆ Water-clear grout coats.
 - ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

- KTX-F:**
Seamless decorative flake flooring designed for rapid installation and return to service.
- ◆ Ideal for 1-day garage floors or overnight installations.
 - ◆ Select from a number of fast-cure pre-pigmented primer and broadcast coat options.
 - ◆ Fast-cure Kinetic™ polyaspartic grout and topcoats.
 - ◆ Optional UV stable hi-wear urethane available in semi-gloss or satin finish.

- BIO-CEM SLF:**
Hybrid Urethane Cement / Decorative Flake broadcast system designed for applications requiring enhanced performance.
- ◆ Self-Leveling 1/8" urethane cement base coat .
 - ◆ Water-clear epoxy or polyaspartic resin grout coats.
 - ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

CHIP & FLAKE FLOOR SYSTEMS

EPOXY & POLYASPARTIC FLAKE FLOORING

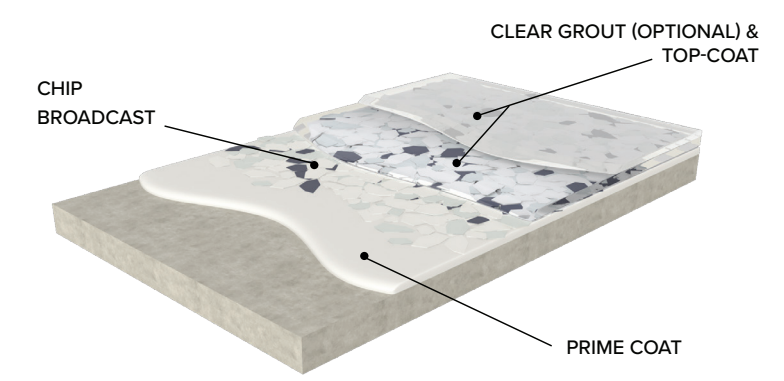
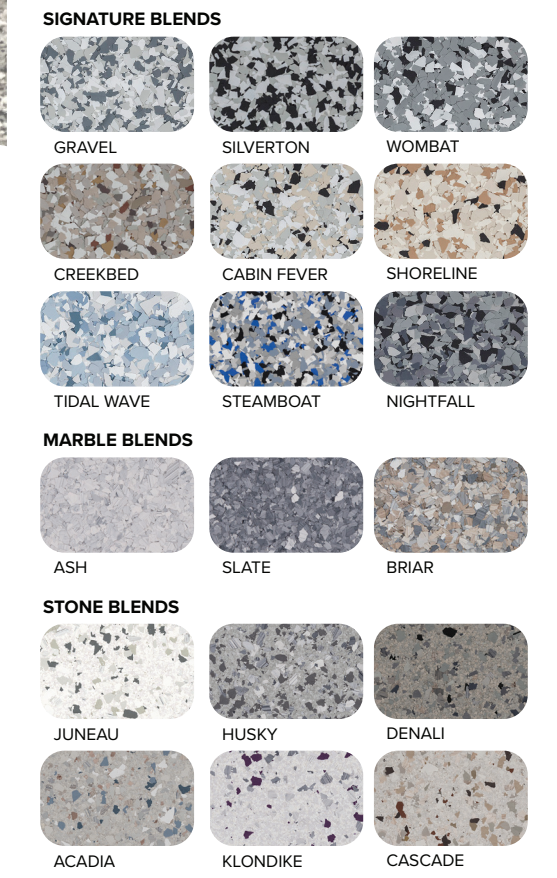
Resinwerks' seamless chip systems provide owners with a highly customizable finish that performs very well in heavy traffic environments. These applications incorporate a vinyl paint chip broadcast into the resin matrix. Easily maintained, chip systems are suitable for a variety of commercial and residential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





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

Superior Performance & Low Maintenance

EPX-S:

Solid Color Shop Flooring System

- ◆ Available with a range of primers and mid-coats depending on project requirements.
- ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

EPX-B:

Textured Solid-Color Broadcast Flooring System

- ◆ Incorporates multiple sized aggregates into system for added impact resistance.
- ◆ Slightly textured finish suitable for high-traffic environments.
- ◆ UV stable hi-wear urethane available in a semi-gloss or satin finish.

EPX-IOP:

Industrial Orange Peel Flooring System

- ◆ Designed for heavy-traffic applications requiring slight texture.
- ◆ Integral solid color flake broadcast for enhanced impact resistance.
- ◆ High-performance Kinetic™ Polyaspartic or Urethane topcoats for added durability and UV stability.

EPX-NV:

Novolac Epoxy System

- ◆ Designed for areas exposed to chemical attack.
- ◆ Superior acid resistance.
- ◆ Protection against a range of industrial chemicals and solvents.

EPX-MR:

Epoxy Mortar System

- ◆ May be used as a stand-alone application or in conjunction with other systems.
- ◆ 1/8" - 1/4" build, ideal for resurfacing concrete floors.
- ◆ Superior impact & abrasion resistance.
- ◆ Multiple topcoat options available.

KTX-S:

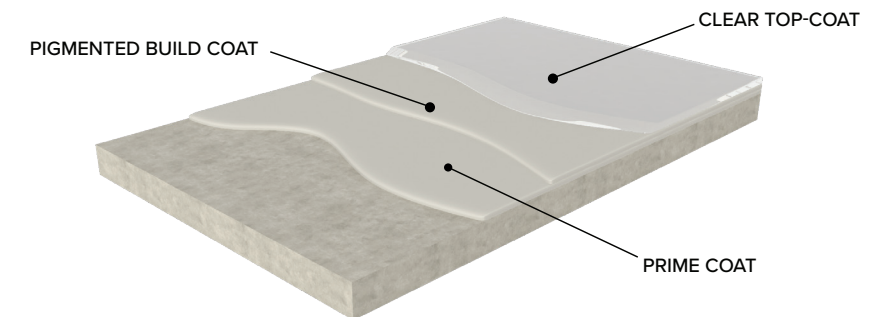
Fast-Cure Solid Color Shop Floor

- ◆ Ideal for mechanical rooms, shop floors and manufacturing.
- ◆ Rapid Installation & Return to Service.
- ◆ Select from a range of fast-curing Kinetic™ polyaspartic coatings & Rapid H2O materials

BIO-CEM™ SLB:

Heavy-Duty Hybrid Urethane Cement Solid Color System

- ◆ Self-Leveling Urethane Cement application.
- ◆ Incorporates light aggregate broadcast for improved durability and texture.
- ◆ Select from a range of high-performance grout and topcoats.





Our Most Industrial Strength Floor

BIOCEM™ SL:

Self-Leveling Urethane Cement System

- ◆ 1/8 - 3/16" thick
- ◆ Available in textured or smooth applications
- ◆ Ideal for environments exposed to water and thermal shock.

BIOCEM™ MF:

Heavy-Duty Urethane Cement

- ◆ Designed for environments experiencing elevated levels of thermal shock.
- ◆ 1/4" with an integral aggregate broadcast.
- ◆ Available with a range of Urethane Cement, Kinetic Polyaspartic, or other topcoat options.

BIOCEM™ SF:

Heavy-Duty Urethane Cement Slurry

- ◆ Designed for environments with significant exposure to thermal shock, impact and chemical attack.
- ◆ 1/4" to 1/2"
- ◆ Slurry applied with a range of high-performance urethane cement or Polyaspartic top-coat options

BIOCEM™ HF:

Trowel applied polyurethane concrete

- ◆ Single coat, self-sealing application
- ◆ 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.

POLYURETHANE CONCRETE FLOOR SYSTEMS

HEAVY DUTY MORTAR SYSTEMS

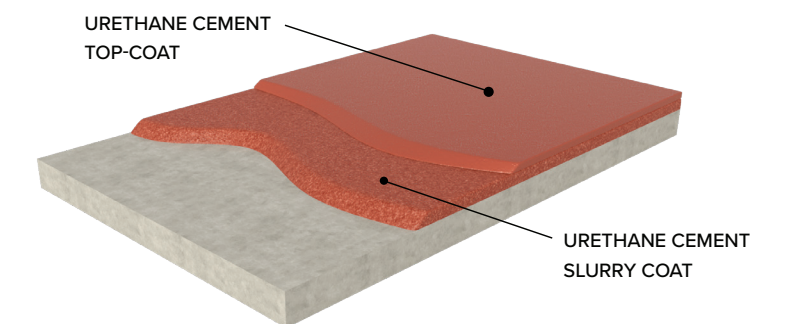
Resinwerks urethane concrete provides superior thermal shock and impact resistance. Select from a variety of systems including self-leveling & slurry matrix options to create a highly functional coating suitable for extreme environments, Resinwerks Urethane Cement may be top-coated with any Resinwerk's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

APPLICATIONS

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

ADVANTAGES

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





Commercial & Residential Application

EPX-CS:

Contemporary Clear Concrete Finish

- ◆ Incorporates fast setting water-based epoxy primer and optional mid-coat for added build.
- ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.

KTX-CS:

Fast-Cure Clear Coating

- ◆ Rapid setting water-clear epoxy primer
- ◆ Fast-Curing Kinetic™ polyaspartic topcoat



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.

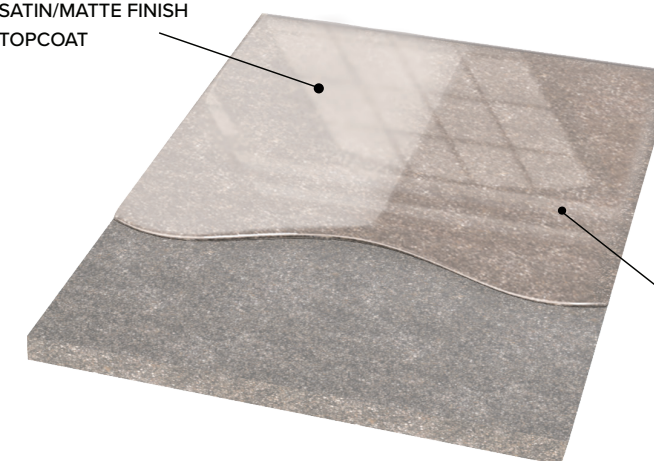
APPLICATIONS

- ◆ 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

SATIN/MATTE FINISH TOPCOAT



GLOSS FINISH TOPCOAT



SIMULATED TERRAZZO FLOOR SYSTEMS

SIMERRAZZO™ BY RESINWERKS

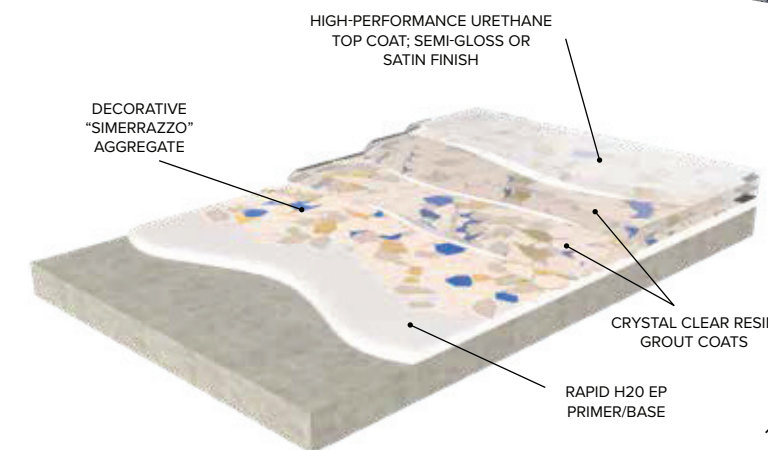
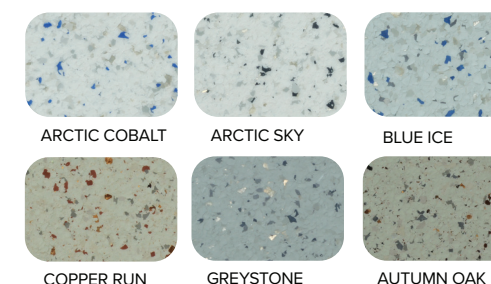
A vibrant and contemporary finish that closely resembles polished terrazzo flooring. This system is ideal for situations where a value-engineered equivalent to a terrazzo finish is required. Available in six designer-curated blends with the capability to easily adjust colors and sheen. Blends are infinitely 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

- ◆ Contemporary finish with unlimited customization options.
- ◆ Highly reflective and translucent aggregates available for superior depth.
- ◆ High-performance water-clear resins and top-coats suitable for heavy-traffic settings.
- ◆ Match existing terrazzo for a fraction of the cost.





Striking Metallic Design Finishes

EPX-METALLIC:
Decorative Metallic Epoxy System

- ◆ Ideal for showrooms and other high visibility commercial and retail settings.
- ◆ Select from a range of primer options
- ◆ Unlimited design potential
- ◆ UV stable hi-wear urethane available in semi-gloss or satin finish.



METALLIC FLOOR SYSTEMS

SUSTAINABLE DECORATIVE COATINGS

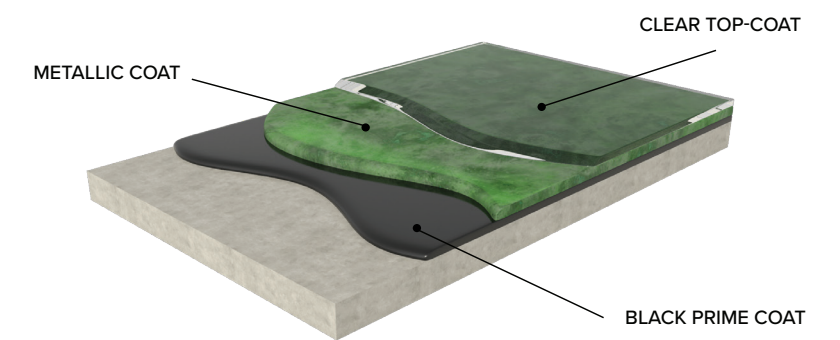
Resinwerks™ metallic systems provide designers with a truly one of a kind seamless floor designed to enhance any environment. These applications incorporate highly reflective metallic pigments that provide for incredible color depth and range. Ideally suited for retail showrooms and other commercial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



POLYASPARTIC FLOOR COATING PRODUCTS



KINETIC™ HS POLYASPARTIC

Fast-drying, 93% solids low-voc polyaspartic coating. May be used as a primer, mid or top-coat in a variety of applications. Ideal for environments requiring minimal installation odor. Available in clear or pre-pigmented (5G only). May be pigmented with Resinwerks universal post-add pigments.

Packaging: 1A:1B mix ratio

Available in 2-gallon or 10-gallon kits.
Post add universal pigment @ 10-12 oz per finished gallon.



KINETIC™ 85 POLYASPARTIC

Fast-drying, 85% solids, low-voc polyaspartic coating. May be used as a primer, mid or top-coat in a variety of residential, commercial & industrial applications. Ideal for single top-coat applications over flake floors. Clear gloss finish may be pigmented with Resinwerks' universal pigments. Available with optional "Slow-Set" Part A.

Packaging: 1A:1B mix ratio

Available in 10-gallon kits.
Post add universal pigment @ 10-12 oz per finished gallon.



KINETIC™ POLYASPARTIC

Fast-drying, 72% solids, low-voc polyaspartic coating. May be used as a primer, mid or top-coat in a variety of residential, commercial & industrial applications. Low viscosity with longer working times. Clear gloss finish may be pigmented with Resinwerks' universal pigments.

Packaging: 1A:1B mix ratio

Available in 2-gallon or 10-gallon kits.
Post add universal pigment @ 10-12 oz per finished gallon.

EPOXY FLOOR COATING PRODUCTS



VAPOR BARRIER EPOXY

100% Solids moisture-mitigation epoxy primer with industry leading permeability rate of .059. Available in clear or pre-pigmented form with standard (4-6hr.) or fast-cure (2-3hr.) hardeners. Ideal for use as a broadcast coat for flake floors. May be used as a moisture mitigation primer for all types of commercial flooring systems.

Packaging: 2A:1B mix ratio

Available in 3-gallon kits.



BIOCURE 1100 EP

100% solids epoxy primer and intermediate coat. Unique bio-based formulation is easy to apply and offers outstanding adhesion to a variety of substrates. Engineered for superior adhesion with topcoats. Available in clear or pre-pigmented in all standard colors.

Packaging: 1A:1B mix ratio



LEVELGUARD EP™

Highly-versatile 100% solids water-clear epoxy. Available in a clear form with the option to pigment with Resinwerks Universal Pigments. LevelGuard incorporates a highly-refined cycloaliphatic amine hardener for excellent color stability. May be used in a variety of commercial & decorative applications.

Packaging: 2A:1B mix ratio

Available in 3 or 15-gallon kits.



LEVELGUARD EM™

Elastomer modified epoxy that is suitable for use over multiple types of substrates including concrete, wood and quarry tile. It serves as a waterproofing membrane primer under resinous flooring systems in applications such as commercial kitchens, laboratories and health clinics.

Packaging: 2A:1B mix ratio

Available in 15-gallon kits.

EPOXY FLOOR COATING PRODUCTS



RAPID H2O EP

Fast-cure, high-build water-based epoxy primer. Easy-to-use pigmented base coat for flake broadcasts and one-day flooring systems. Clear version serves as an excellent primer for grind & seal as well as dyed concrete applications. Available pre-pigmented in all standard colors.

Packaging: 2A:1B:1H2O mix ratio



WBE 500

Two-component penetrating water-based epoxy primer. Designed to provide excellent adhesion on concrete substrates in a variety of commercial & industrial settings. Easy-to-use formula offers ample working time over large square footage areas. Available in either cloud (light) gray or smoke (medium) gray colors.

Packaging: 1A:2B mix ratio
Available in 3-gallon or 15-gallon kits



NOVOLAC EPOXY

Highly chemical resistant 100% solids epoxy primer & topcoat. Provides superior resistance to a range of solvents, acids and other chemicals. Available pre-pigmented in grey, this highly-functional 2-part epoxy is an excellent selection for industrial settings.

Packaging: 2A:1B mix ratio
Available in 6-gallon Kits.

POLYURETHANE CONCRETE PRODUCTS



BIOCEM™ SL

Medium duty self-leveling polyurethane concrete application that is applied at a thickness of 1/8"-3/16". May be applied in smooth form or broadcast with aggregates for a textured surface. Liquid packaging available in 1-gallon jugs, 5-gallon pails, 50-gallon drums and 250-gallon totes.

Packaging: 52 SF Kit
Consists of 1-gallon A, 1-gallon B, 40 lb filler, optional pigment.

BIOCEM™ MONOFLOOR MF

Heavy-duty polyurethane concrete slurry application that is applied at a thickness of 3/16"- 1/4". System is broadcast with industrial sand for a lightly textured surface. Ideal for areas experiencing heavy exposure to thermal shock, chemical attack and heavy impact. Liquid packaging available in 1-gallon jugs, 5-gallon pails, 50-gallon drums and 250-gallon totes.

Packaging: 42 SF Kit
Consists of 1-gallon A, 1-gallon B, 56 lb. filler, optional pigment.

BIOCEM™ SF

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 1/4". It may be applied as thick as 1/2". Environmentally friendly formulation incorporates plant-based raw materials with low-odor and minimal VOCs.

Packaging: 52 SF Kit
Consists of 1-gallon A, 1-gallon B, 2 x 35 lb fillers, optional pigment.

BIOCEM™ TOPCOAT

Polyurethane concrete topcoat that utilizes a smaller filler aggregate matrix for a consistent, matte finish topcoat. Excellent topcoat of broadcast urethane cement applications. Also used as a primer for smooth SL applications as well as a standalone roll-coat for light duty systems. Liquid packaging available in 1-gallon jugs, 5-gallon pails, 50-gallon drums and 250-gallon totes.

Packaging: 200 SF Kit
Consists of 1-gallon A, 1-gallon B, (2) 6.5 lb fillers, powder pigment.

BIOCEM™ HF

Trowel applied polyurethane concrete designed for heavy-duty applications. HF is installed at a thickness of 1/4" to 1/2". This ultra heavy-duty polyurethane concrete is designed for the most demanding environments experiencing significant levels of thermal shock, impact and chemical attack.

Packaging: 52 SF Kit
22 Sq. Ft. kit @ 1/4": Kit Consists of 1-Gallon A, 1-gallon B, (2) 52 lb fillers.

URETHANE TOPCOAT PRODUCTS



HDC 100 URETHANE

Heavy-duty 3-component moisture-cured urethane. Versatile topcoat incorporates ultra-fine heavy-duty aggregate for maximum abrasion resistance. Available in both clear and pigmented form with either semi-gloss or satin finishes. For pigmented, add 16-oz pint universal pigment to mix.

Packaging: mix full kit: 550 SF (600 SF when pigmented)
Available in 1.08-gallon kit that yields 550 sf/kit.

SKUS:
1.08-Gal Kit Clear; Semi-Gloss: 220-0000-01-A
1.08 Kit Clear; Satin; 220-1111-01-A



CHEMICAL RESISTANT URETHANE

High performance polyester fortified urethane designed for Industrial applications. CRU provides maximum long-term resistance against damage and discoloration from harsh chemicals in both liquid and gas form. It provides superior uv protection and gloss retention, making it an excellent top-coat option for all types of applications.

Packaging: 1A:1B
2-gallon or 10-gallon kits



KINETIC PATCH

Two-component ultra-fast drying rigid concrete repair material. May be used neat or with aggregate for additional body. Grind smooth to feathered edge in 20-minutes. Virtually odor-free during application as well as grinding.

Packaging:
2-gallon box kit: 645-0000-02



EPOXY JOINT FILLER

A 2-component, 100% solids semi-rigid epoxy joint filler for concrete floors. It provides the rigidity necessary to withstand heavy point load traffic while retaining an element of flexibility over the life of the installation. Joint & Cove Binder provides for a seamless joint fill solution for commercial & industrial settings.

Packaging:
2-gallon kit

SKUS:
640-0000-02

OTHER PRODUCTS



UNIVERSAL PIGMENT

Solvent borne pigment may be used in epoxies, urethanes or polyaspartics. Post-added following mix for maximum color consistency and hide. UV stable with long-term color retention. Suggested load rate of 10-12 oz per mixed gallon.

Packaging:
16-oz pint or 32 oz quart

SKUS:
16 oz pint: 510-___-16
32 oz quart: 510-___-32



METALLIC PIGMENTS

Resinwerks automotive grade metallic pigments are combined with LevelGuard Clear for a uniquely decorative finish that mimics natural stone. Available in a variety of colors, metallic pigments may be used in conjunction with one another for greater color variation & depth. Custom pigments available upon request.

Packaging:
12-oz by volume jar

SKUS:
12-oz jar: 620-___-12



BIOCEM™ COVE BASE

Polyurethane concrete cove base matrix for vertical radius cove trowel applications. May be used to build everything from a cant cove to 8" high radius cove and more. Liquid packaging available in 1-gallon jugs, 5-gallon pails, 50-gallon drums and 250-gallon totes.

Packaging:
Kit Consists of 1-gallon A, 1-gallon B, (4) 29 lb fillers, optional pigment.



COVE RESIN

Resinwerks Cove Resin is a Thixotropic Epoxy resin binder designed for use on vertical cove base applications. This material dries clear and may be used as a primer, binder, and grout coat on troweled radius cove.

Packaging:
2A : 1 B in a 3-gallon kit



FLAKE & QUARTZ AGGREGATES

Blended decorative flake broadcast media. Industrial broadcast and trowel quartz for cove and other applications. Decorative blended quartz aggregates for seamless quartz applications offers superior long-term durability, and UV stability.

Packaging:
Quartz: 50 lb bags
Flakes: 40 lb boxes



TRACTION ADDITIVE

Resinwerks traction additives are available in 3-sizes ranging from 20-mesh (largest) to 100 mesh (smallest). This highly durable material is used as an anti-slip & anti-skid additive for commercial, industrial and residential flooring applications. It is lightweight and disperses directly into top-coats, providing a uniform finish.

Packaging:
16-oz by volume jar

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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