Citadel
Product Catalog




CITADEL®
FLOOR FINISHING SYSTEMS

Innovation is a passion that continues to drive the growth of Citadel Floor Finishing Systems and why we are a leading manufacturer of Floor Coatings. Citadel Floor Finishing Systems has evolved over the years from a mid-size installation company into one of the largest Floor Coatings Manufacturers supplying operations worldwide.

	Moisture Mitigation		Base Coat	NEW	
	Ultra Hydro-stop H20	**Ultra Hydro-stop**	**Polyurea 350**	**ET-80** (Extended Working Time)	**RG-80x**
Page	Page 2	Page 2	Page 2	Page 2	Page 2
Technology	Water based Moisture Mitigating & pH resistant primer	100% solids Moisture Mitigating and pH resistant primer	2K - 98% solids Polyurea basecoat	2K Aliphatic polyaspartic polyurea	2K Aliphatic polyaspartic polyurea
Features & Benefits	Holds back up 6 lbs MVT - 1 coat & 12 lbs MVT in two coats. Works as green concrete primer	Holds up to 25lbs MVT- 1 coat	20-30 Min pot life, vertical/horizontal application, no mil thickness requirement	Extended working time w/ Fast Cure, high gloss, UV stable, chemical resis-tance, interior/ exterior application	20-30 min pot life, high gloss, UV stable, fast cure, excellent chemical resis-tance, interior/ exterior application
Recommended Substrates	Concrete	Concrete	Concrete, wood and tile	Used as top coat	Used as top coat
Color	Clear	Clear	Tintable	Clear or Tintable	Clear or Tintable
Coverage rate per gallon	250 sq ft.	80-100 sq ft.	100-350 sq ft.	150-500 sq ft.	150-500 sq ft.
Installation temperature	50º to 100ºF	50º to 100ºF	-20º to 120ºF	-20º to 120ºF	-20º to 120ºF
Dry Time	4-6 hours	10-12 hours	2-4 hrs and Drive on 24 hours	2-4 hrs and Drive on 24 hours	2-4 hrs and Drive on 24 hours
Application	3/8” nap roller or Flat blade squeegee	1/4” notched squeegee	3/8” nap roller or Squeegee	3/8” nap roller or Squeegee	3/8” nap roller or Squeegee
Packaging (Min Qty)	1.5 gallon kit	5 gallon kit	3 gallon kit	4 gallon kit	4 gallon kit

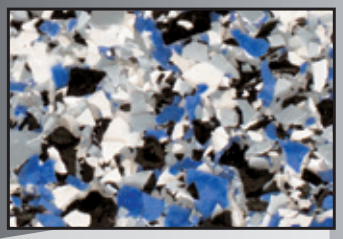
Contact us for more information

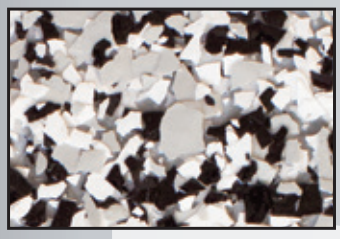
(866) 765-4310

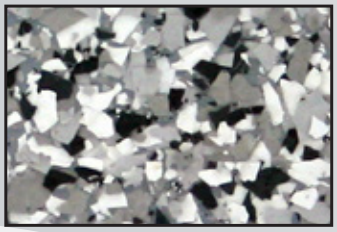
Our manufacturing division has been developing and applying Polyurea and Polycuramine coatings for years on a large variety of substrates, creating the ultimate flooring solution for commercial, industrial, or residential applications.

UV Stable Top Coats				Hybrid Base/Top Coat	
PG-100	**Poly-1HD**	**Poly-2 ULTRA**	**Poly-3 WB**	**PolyCuramine**	**SLE-100**
Page 2	**Page 2**	**Page 2**	**Page 2**	**Page 2**	**Page 2**
2K 100% solids Aliphatic, polyaspartic	Single Component Aliphatic Polyurea	100% Solids Single Component Aliphatic Polyurea	Clear Water-Based 2-part Aliphatic Urethane Coating	2K Cyclo-aliphatic coating system	2K 100% solids epoxy
20-30 min pot life, UV stable, no odor, high gloss, fast cure, excellent chemical resistance, interior/ exterior application	High gloss, UV stable, excellent chemical and abrasion resistance, unlimited pot life	Very low odor, high gloss, UV stable, excellent chemical and abrasion resistance, unlimited pot life	**Gloss** or **Matte** Finish, 50 VOC - low odor, UV stable, excellent chemical and abrasion resistance, Vertical or horizontal application	45 Min pot life, high gloss,low odor, No VOC, high chemical resistance, self-leveling with high impact resistance, quick return to service	1 hour pot life, high gloss, low odor, no VOC, high chemical resistance, self-leveling with high impact resistance
Used as Top coat	Direct to concrete & as a top coat	Direct to concrete and as a top coat	Direct to concrete and as a top coat	Concrete, wood, tile or as top coat	Concrete
Clear or Tintable	Clear or Tintable	Clear or Tintable	Clear or Tintable	Clear or Tintable	Clear, Gray or Tan
100-300 sq ft.	300-600 sq ft.	300-600 sq ft.	250-400 sq ft.	100-400 sq ft.	100-400 sq ft.
-20º to 120ºF	40º to 100ºF	40º to 100ºF	50º to 95ºF	60º to 100ºF	60º to 100ºF
2-4 hrs and Drive on 24 hours	4-6 hrs and Drive on 24 hours	4-6 hrs and Drive on 24 hours	24 hrs and Drive on 5 Days	8-10 hours, Drive on 24 hours	10-12 hours and Drive on 48 hours
3/8” nap roller or Squeegee	3/8” nap roller	3/8” nap roller	3/8” nap roller	3/8” nap roller or Squeegee	3/8” nap roller or Squeegee
5 gallon kit	2 gallon kit	2 gallon kit	1 gallon kit	3 gallon kit	3 gallon kit

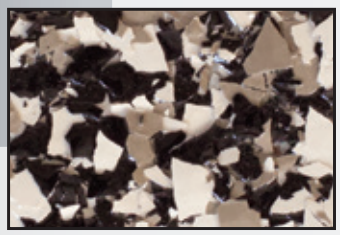
DECORATIVE VINYL CHIP COLORS

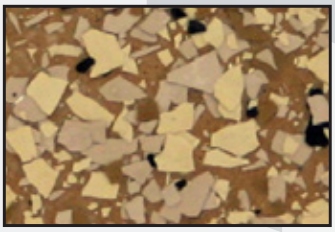

DENIM


DOMINO


GRAVEL


SADDLE TAN


GUNFLINT TRAIL


TAN


SCHIST STONE

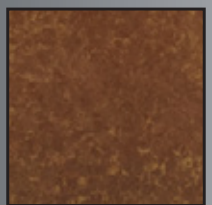

GARNET STONE


OBSIDIAN STONE


PUMICE STONE

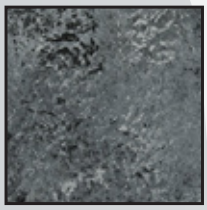

BASALT STONE

MEDICI COLORS


TERRA COTTA
(Brick Red & Si Si Tan)


GOLD SANDSTONE
(Gallant Gold & Cream)


SIENNA SUNSET
(Chocolate & Limestone)

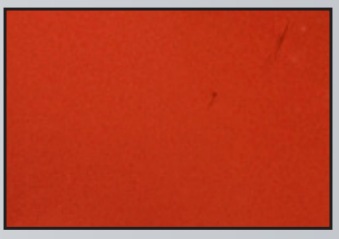

STONE OBSIDIAN
(Dj Darkness & Antonio Silver)

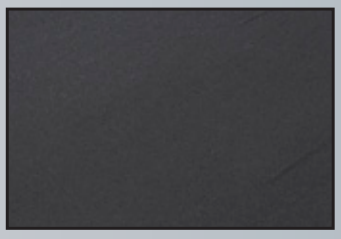
Colors are printing approximations and may vary.

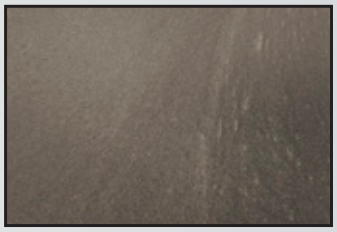
PEARLESCENCE METALLIC COLORS


BURNISHED GOLD

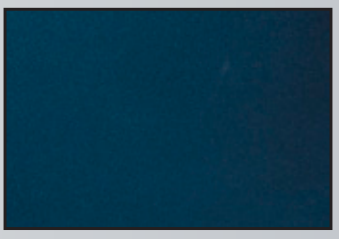

AMARETTO

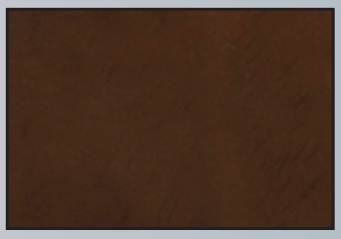

CHERRY BOMB


GUNMETAL


SILVER BULLET


COPPER POT


BRILLIANT BLUE


EARTH BROWN

STANDARD COLORS


SUPER LIGHT GRAY


LIGHT GRAY


DUNES TAN


NAVY GRAY


SILVER GRAY

CITADEL®
FLOOR FINISHING SYSTEMS

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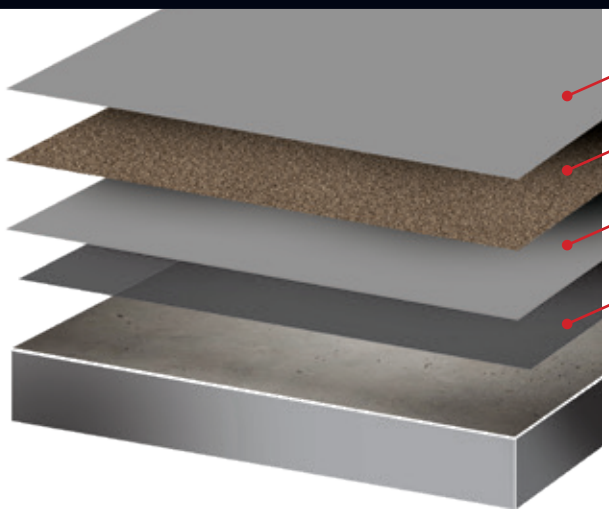
FLOOR FINISHING SYSTEMS

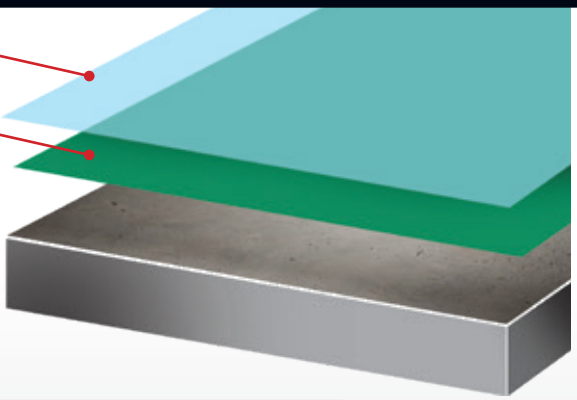
HEAVY TRAFFIC SYSTEM



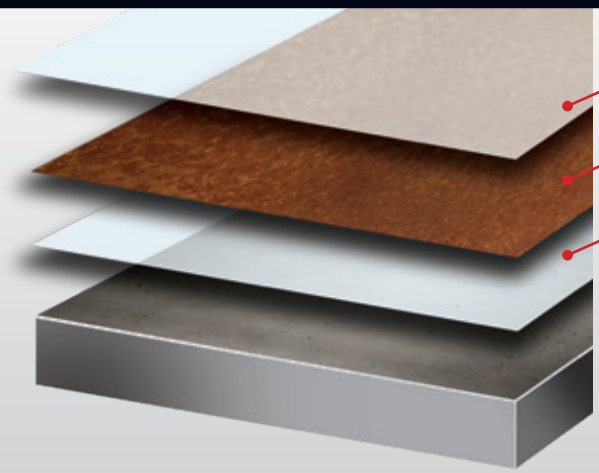
- PG-100 Tinted Gray
- 40-60 Silica Sand
- Polyurea 350 Tinted Gray
- Polyurea 350 Prime Coat

SOLID COLOR SYSTEM

- SLE-100 Clear Top Coat
- SLE-100 Tinted Primer/Base Coat

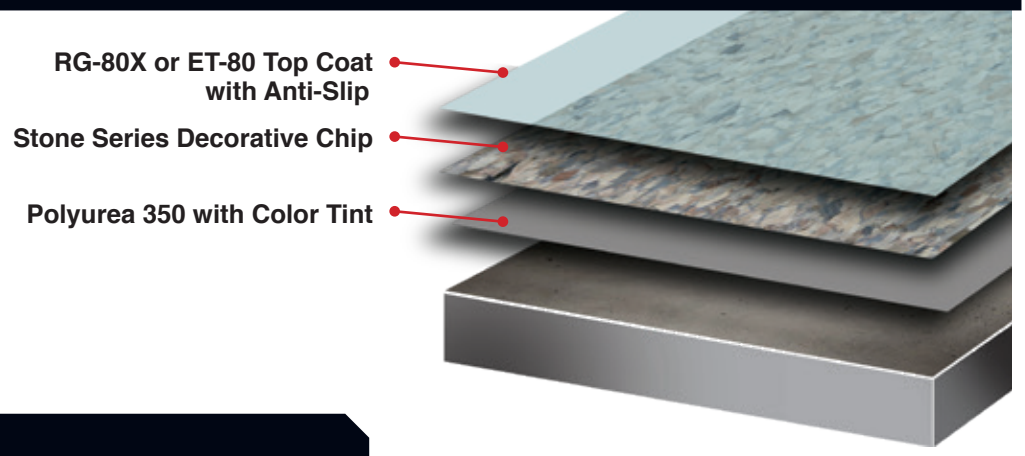


MEDICI SYSTEM

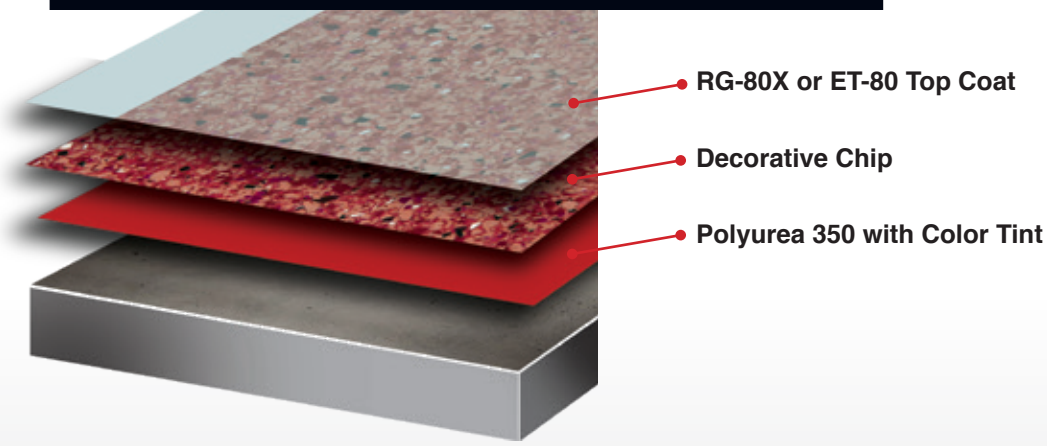


- Clear Polyurea-1HD with UDP
- Polyurea-1HD with Medici Color Tints
- Tinted Polyurea-350

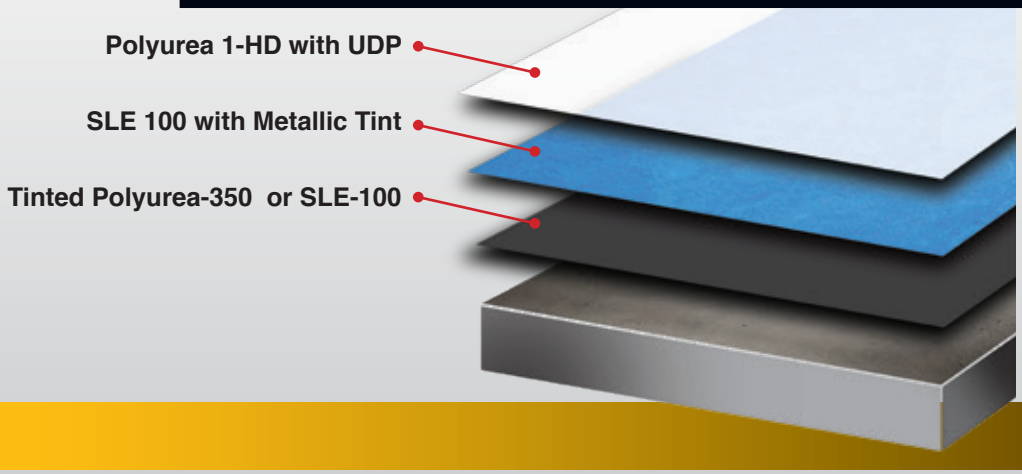
STONE SERIES DECORATIVE CHIP SYSTEM



DECORATIVE CHIP SYSTEM



METALLIC SYSTEM



CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL FLOOR FINISHING SYSTEMS
PRIMERS & MOISTURE MITIGATION

Ultra-Hydro Stop H_2O Primer™

2 PART

Ultra-Hydro Stop H_2O Primer is a two component, 50% solids, water-based, moisture blocking and pH resistant epoxy primer used to remedy concrete floors with high moisture readings up to 6 pounds with one coat. The H_2O primer has excellent adhesion to moisture laden concrete slabs in areas such as basements and warehouses where it is roller or squeegee applied. It can be applied to concrete as early as 48 hours after placement, reducing job-site downtime and delays in production.

Typical Uses: This is a strengthening, self-leveling, moisture stopping primer which can replace curing compounds on “green concrete”.

Size: Available Clear in a 1.5 gal kit
Coverage: 250 sq ft / gal.

Ultra-Hydro Stop Primer™

2 PART

Ultra-Hydro Stop Primer is a two component, 100% solids, moisture blocking and pH resistant epoxy primer used to remedy concrete floors with high moisture readings up to 25 lbs. It has excellent self-leveling properties, making it a great choice for floors with minor pitting, spalling and other imperfections.

Typical Uses: This self-leveling, moisture stopping concrete primer has high-build capability. Use in new construction as a moisture block underneath coating systems, hardwood floors, carpet or tile.

Size: Available Clear in a 5 gallon kit with coverage rates of 80-120sq ft / gallon over shot-blast concrete
Coverage: 90 sq ft / gal.

CITADEL FLOOR FINISHING SYSTEMS

POLYUREA BASE COATS & HYBRID BASE / TOP COATS

Polyurea 350™

2 PART

Polyurea 350 is a two-component, 98% solids Polyurea primer/basecoat. Due to its proprietary blend of resins, Polyurea-350™ allows installers to "wet-out" large areas, including vertical surfaces, before broadcasting decorative aggregates such as quartz, vinyl chips, or flint. This longer "open time" results in perfect broadcasts every time, eliminating problems with light coverage, inconsistencies, or blemishes. Citadel's Adjustable Cure Rate Technology allows the installer to customize the workability and cure times of this material for use in any climate.

Typical Uses: Decorative aggregate broadcast systems

Size: Available Clear or pre-tinted in 5 gal buckets (A&B) or 3 gallon kits with a coverage rate of 350sq ft / gal over ground concrete

Polycuramine™

2 PART

Polycuramine is an odor free, interior clear base, which serves as the foundation of a multitude of the Citadel finishing systems. It provides incredible abrasion resistance and extreme chemical resistance. This product combines key attributes from multiple chemistries into one indestructible, self-leveling, flexible, fast curing, high gloss coating system.

Typical Uses: Serves as the primer, base coat or clear coat for a multitude of floor finishing systems.

Size: Available liquid in a 3 gallon kit. Coverage varies between systems and uses.

SLE-100™

2 PART

SLE-100 is a two component, 100% solids, cyclo-aliphatic hybrid coating system that has exceptional adhesion properties to concrete substrates. Due to its unique chemistry, this coating exhibits great flexibility, working times and self-leveling properties while offering great chemical resistance as well. Low odor makes it a great choice for interior applications. Sold in standard 5 colors as well as black.

Typical Uses: Serves as a primer/basecoat for a multitude of floor finishing systems. SLE-100 is also self-leveling and serves as a build coat for heavily damaged floors.

Size: 3 gallon kit **Coverage:** 100-200 sq ft. / gal.

CITADEL FLOOR FINISHING SYSTEMS
POLYUREA TOP COATS

RG-80x™

2 PART

RG-80x is a two-component, 85% solids, VOC Compliant, Aliphatic Polyaspartic Polyurea developed for UV stable floor topcoats, marine applications, chemical resistance and corrosion control. This coating provides reliable performance in a wide range of temperatures and climate conditions. Its 100% UV stability makes it an excellent choice for both interior and exterior applications.

Typical Uses: This UV-stable top coat is suitable for both interior and exterior applications.

Size: Available Clear in 5 gallon buckets (A&B) or 4 gallon kits with coverage rates of 250-350 sq ft./gal over solid color, 80-120 sq ft./gal over quartz, and 150-200sq ft./gal over full chip **Coverage:** 250-600 sq ft. / kit, depending on technique

Polyurea-1 HD™

1 PART

Polyurea-1 HD is the workhorse of the Single Component Aliphatic Polyurea family. This optically clear high gloss finish is 100% UV stable. This high performance top coat is used on many systems including; Medici™ System, UV Solid Color systems, Chip Systems and Metallic Systems. The virtually unlimited pot life allows you to work at any pace and is self-leveling meaning no roller lines.

Typical Uses: Primarily a clear top coat for many systems.

Size: Available Clear in 2 gallon buckets with a coverage rate of 150-250 sq ft / gal over full chip, 400-700 sq ft./gal over solid color or Medici® **Coverage:** 250-500 sq ft. / gal, depending on technique

Poly 3 WB™

2 PART

Poly 3 WB is a premium clear water-based two-part high performance urethane coating which utilizes aliphatic urethane polymer technology. It provides excellent film hardness, chemical, abrasion and UV resistance and with less than 50 grams/liter VOC.

Typical Uses: As topcoat that provides a High Gloss or Matte Finish and can also be applied directly without need of a primer.

Size: Available Clear in 1 gallon kit
Coverage: 250-400 sq ft. / gal, depending on technique

PG-100™

2 PART

PG-100 is a two-component, 100% solids, VOC Free, Aliphatic Polyaspartic Polyurea that was developed for UV stable floor topcoats, marine applications, chemical resistance and corrosion control. This coating provides reliable performance in a wide range of temperatures and climate conditions. Its 100% UV stability and no odor makes it an excellent choice for both interior and exterior applications.

Typical Uses: Use as a UV stable topcoat in a wide variety of applications including: marine protection for fiberglass, concrete or wood, aircraft hangar floors, low temperature equipment, maintenance facilities, offshore platforms, industrial shop floors, car washes or wash bays, primary and secondary containment, cooling towers, wastewater treatment applications, bridges and more.

Size: Available in 5 gallon buckets (A&B) or 5 gallon kits with a coverage rate of 250-350 sq ft / gal over solid color, 80-120 sq ft / gal over quartz, and 100-175 sq ft / gal over full chip. **Coverage:** Approx. 175 sq ft. / gal.

Polyurea-2 Ultra™

1 PART

Polyurea-2 ULTRA is a low odor 100% solids Single Component Aliphatic Polyurea top coat. This optically clear high gloss finish is 100% UV stable. This high performance top coat is used on many systems including; Medici System, UV Solid Color systems, Chip Systems and Metallic Systems. The virtually unlimited pot life allows you to work at any pace and is self-leveling meaning no roller lines.

Typical Uses: Primarily a clear top coat for many systems.

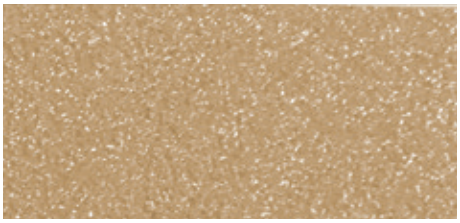
Size: Available Clear in 2 gallon buckets with a coverage rate of 150-250 sq ft / gal over full chip, 400-700 sq ft / gal over solid color or Medici® **Coverage:** 250-500 sq ft. / gal, depending on technique

CITADEL FLOOR FINISHING SYSTEMS
URETHANE CONCRETE SLURRY

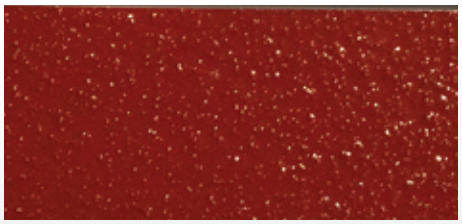
Urethane Concrete Slurry is a slurry broadcast, anti-slip cementitious urethane flooring system. Due to its unique chemistry, this coating exhibits low odor, slip resistance, temperature resistance of up to 210 F and unaffected by MVT.

- Low odor installation, non-toxic, and phthalate-free formulation.
- Positively textured profile to minimize slip risks in wet or damp areas.
- Resistant to thermal shock temperature swings and suitable for steam cleaning.
- Unaffected by MVT

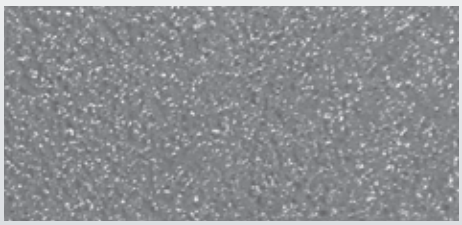
URETHANE CONCRETE COLORS



Dunes Tan



Red



Light Grey

Urethane Concrete

4 PART

Urethane Concrete Slurry is designed to tolerate rapid change in surface temperature typically associated when concrete floors are cleaned by hot water wash. Urethane concrete will withstand the normal expansion and contraction of a concrete floor during a substrate temperature change which can occur during the normal wash down procedures used in the food processing industry.

Typical Uses: Heavy Industrial use areas, food and beverage, breweries or manufacturing facilities.

Coverage Rate: 32 Sq. Ft. @ 1/4" Thick,
40 Sq. Ft. @ 3/16" Thick

Top Coat Options:

RG-80X

Industrial Epoxy Premium

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL FLOOR FINISHING SYSTEMS
ADDITIVES

Metallic Powder Tints™

Pearlescent Metallic powder tints produce marbelized floor coatings that contain pearlescent and iridescent accents with gleaming finishes. These lustrous floor coatings are the newest solution for commercial applications, retail environments and for many residential customers looking to set their home apart from others.

Typical Uses: Simply add the color tints to your Citadel Polycuramine Base Coat™ to give your floor virtually any look you desire.

Size: 2 oz. **Coverage:** 2oz per 1 Gallon of Polycuramine Base Coat™

Universal Tints

Citadel Universal Tints can be used in many of the standard systems when added to base coats or primers. There are several colors to choose from and custom colors can also be ordered.

Typical Uses: Simply add the color tints to base coats in the systems for a variety of options.

Size: 15 oz. can **Coverage:** 12% by volume

Ultra Durability Plus™

Citadel Ultra Durability Plus is a proprietary additive for the Citadel Topcoat that increases the abrasion resistance and creates a micro-textured surface while reducing gloss to provide a satin finish.

Typical Uses: To be used in conjunction with the Citadel Topcoat as an abrasion resistance additive

Size: 3 lbs **Coverage:** mix 3 lbs per gal. of topcoat; 500 sq ft / gal

Decorative Chip™

Citadel Decorative Chips are made of a vinyl composite and have been developed to soak in and absorb resinous coatings such as epoxies, urethanes, and our specialty products – Polyureas and Polyaspartic Polyureas. These are the only decorative chips with the physical properties to work reliably with our Citadel systems.

Typical Uses: Our chip systems provide decorative yet highly durable surfaces with the appearance of granite, marble or terrazzo. Our 2 layer, easy to install chip systems are our most popular seller with installers. Great for any garage, basement, bathrooms, and light commercial environments. Use RG-80x™ as a top coat for ease of use.

Size: 50lb boxes **Coverage:** ¼" Chip: 10 sq ft./lb coverage; 1/8" Chip: 8.5 sq ft./lb coverage; 1/16" Chip: 7 sq ft./lb coverage

Anti-Slip Additive

Citadel's Anti-Slip Additive™ is aluminum oxide grit that suspends in the coating, providing a safe, non-slip environment. The product is broadcast on top of the wet coating and back rolled in. This extremely durable additive is recommended for any floor coating system and creates a less aggressive textured surface than using the silica sand.

Typical Uses: Broadcast over coatings to provide a safe, non-slip surface.

Size: 3 lb. container **Coverage:** 1 qt. covers 1,000 sq. ft.

Decorative Quartz™

A very strong durable coating with extreme abrasion resistance that maintains a rough texture that conforms to all OSHA slip requirements. Great application in all commercial kitchens, entry ways, industrial bathrooms, and heavy traffic areas. This is our main seller to customers for any commercial and industrial system. Unlimited color options for the quartz keeps the design options open for any decorative work. Usable on vertical surfaces, and with the installation of Speed Cove®, this system is a seamless, easy to clean durable surface that will work for many years.

Typical Uses: CFFS decorative quartz blends are used to create seamless decorative floor finishes that provide a textured, monolithic, and hard wearing surface. These UV stable blends are perfect for exterior uses such as sidewalks, entries, and stairs, while the inherent strength of the quartz makes it ideal for warehouse floors and those with forklift traffic. Due to the small size of the quartz granules, these floors will exhibit a more uniform and muted finish than decorative chip systems.

Size: 50lb bags **Coverage:** Single Broadcast: 2 sq. ft. / lb coverage; Double Broadcast: 1 sq. ft. / lb coverage

Silica Sand

Citadel's silica sand is used as the broadcast medium for the Citadel Solid Color Quartz system. It can also be used as a more aggressive anti-slip solution.

Typical Uses: Silica sand serves as the broadcast medium for the Solid Color Quartz system.

Size: 50 lb. bag **Coverage:** 2 sq. ft. / lb.

CITADEL FLOOR FINISHING SYSTEMS
CONCRETE REPAIR PRODUCTS

Polyflex 93™

Polyflex-93 is a two component, 100% solids, VOC Compliant, self-leveling flexible control and expansion joint filler. It cures rapidly and consistently at temperatures ranging from 0⁰ to 120⁰F. With a tack-free time of less than 25 minutes, it reduces downtime and allows vehicle or foot traffic in one hour. Excellent elastomeric properties make it flexible while its bond to the concrete's joints leads to long lasting performance. Polyflex-93 is easily coated over using a wide variety of Citadel products.

Typical Uses: Polyflex-93 is designed to fill expansion joints in concrete. Requires a dual cartridge gun for application.

Size: Available in a 22oz dual cartridge (Concrete Gray color) **Coverage:** varies

Fast Patch™

Citadel's Fast Patch is a two-component patch material used to repair cracks, spalls and minor damage to concrete surfaces and apply coatings without waiting for the repairs to cure. Fast Patch has zero VOCs, is easy to mix at a 1:1 ratio, and no special equipment is required for application.

Typical Uses: Repair cracks and minor spalls in concrete

Size: 24oz (Concrete Gray color)
Coverage: varies

NEW
Fortification Slow Formula
NOW AVAILABLE

Fortification Formula™

Fortification Formula is a fast setting, low viscosity modified Polyurea repair material that is very versatile in repairing and re-building damaged concrete. Fortification Formula is a dual component, 1:1 ratio, easy to mix system that is 100% solids and VOC free. It is an excellent choice for repairs that require fast return-to-service times (10-30 minutes). Best of all, it can be applied at any temperature with adjustable workability. **Also available in NEW slow formula for more working time.**

Typical Uses: Fortification Formula can be used to set anchor bolts, repair cracks and damaged control joints, fill spalling, and rebuild vertical curbing and steps. It bonds well to concrete, wood, fiberglass and asphalt and can be used in depths of 1/16" to 3" without filler. Once cured, Fortification Formula will not swell or shrink with temperature changes. It's non-porous and will not allow bacteria, mold and other pathogens to bond to it.

Size: Available in 1 Gal Kit
(Concrete Gray color) **Coverage:** varies

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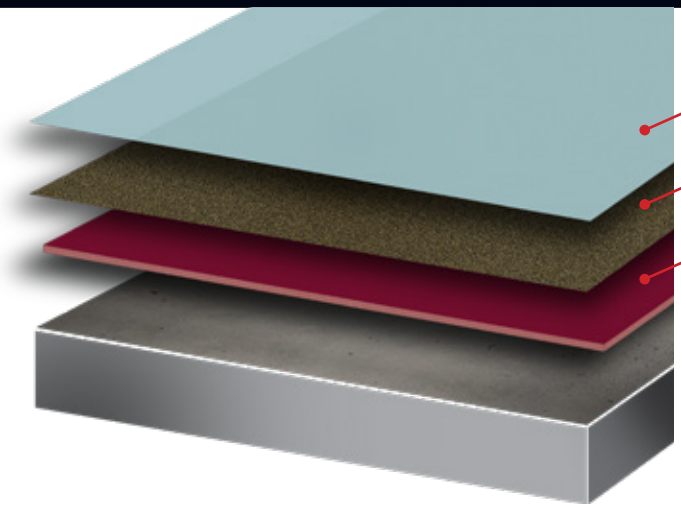
FLOOR FINISHING SYSTEMS

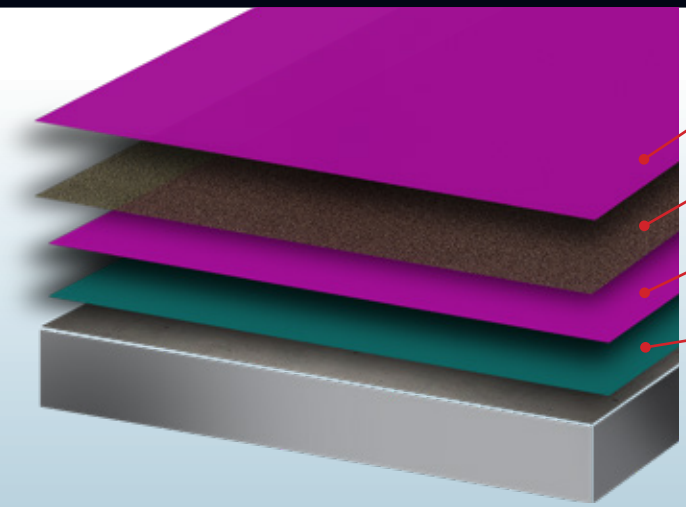
CITADEL FLOOR FINISHING SYSTEMS
EPOXY COATING SYSTEMS

INDUSTRIAL EPOXY SLURRY SYSTEM



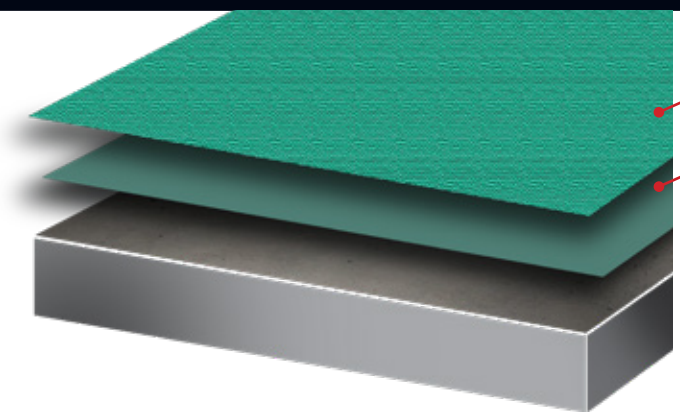
- Industrial Epoxy Smooth Glaze Coat
- Silica Sand (Broadcast to rejection)
- Industrial Epoxy Slurry Coat

INDUSTRIAL EPOXY PLUS SYSTEM

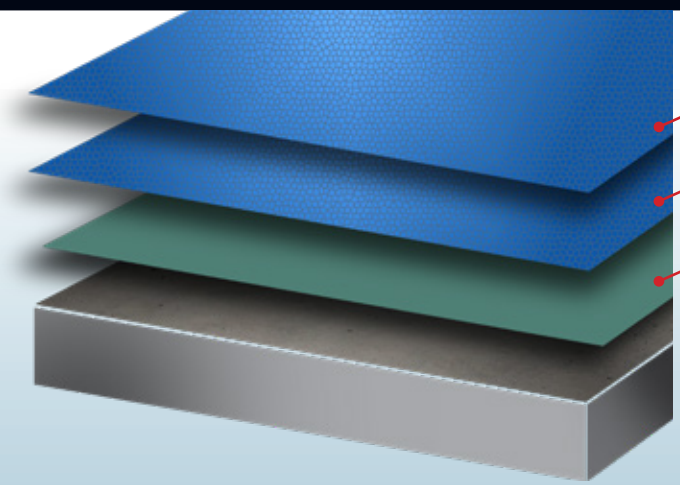


- Industrial Epoxy Plus Smooth Glaze Coat (Optional)
- Sparse or Full Broadcast Silica Sand
- Industrial Epoxy Plus Smooth
- Penetrating Primer

INDUSTRIAL EPOXY PREMIUM-TX SYSTEM



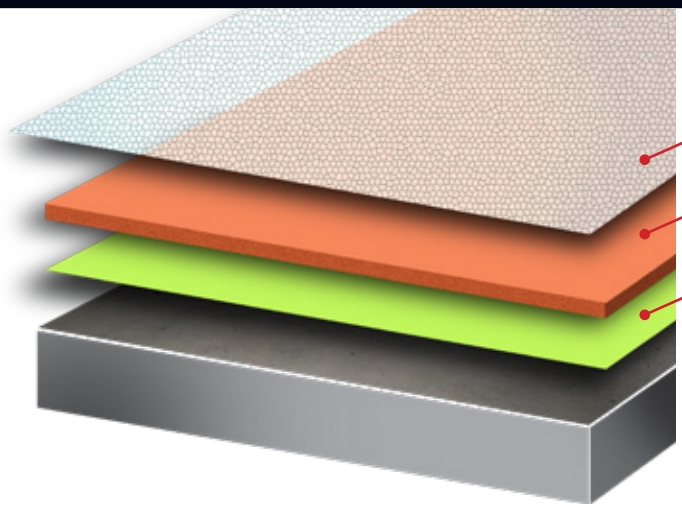
INDUSTRIAL EPOXY ORANGE PEEL SYSTEM

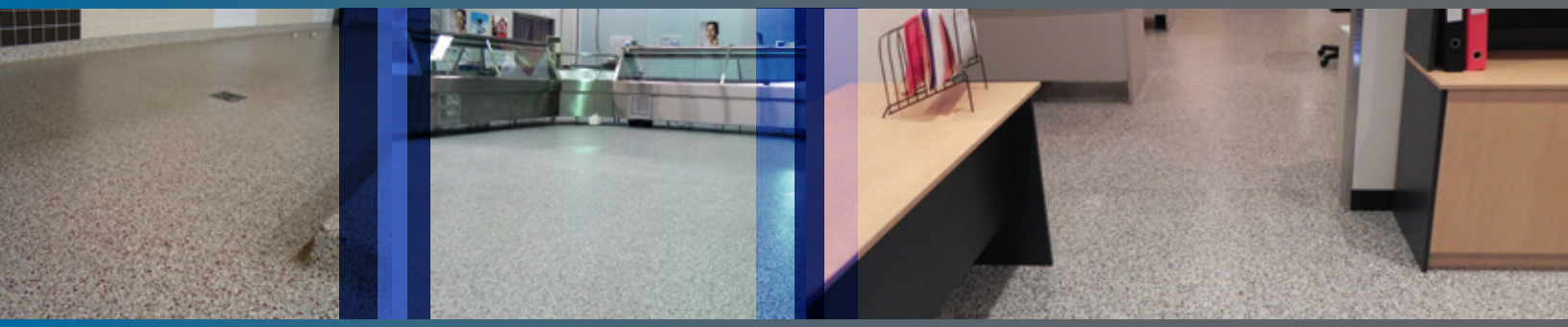


CITADEL®
FLOOR FINISHING SYSTEMS

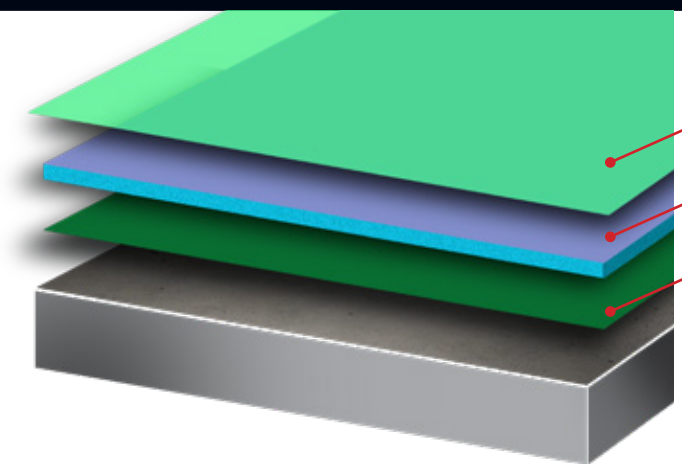
CITADEL FLOOR FINISHING SYSTEMS
EPOXY COATING SYSTEMS

EPOXY MORTOR SYSTEM



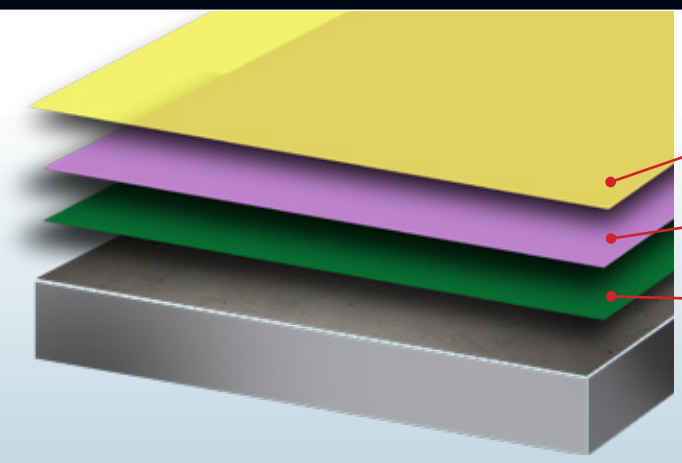


INDUSTRIAL EPOXY ESD-THICK SYSTEM



- Industrial Epoxy ESD Slurry C SL or SD SL Topcoat
- Industrial Water Based ESD Primer
- Penetrating Primer

INDUSTRIAL EPOXY ESD-THIN SYSTEM



- Industrial Epoxy ESD Slurry C SL or SD SL Topcoat
- Industrial Water Based ESD Primer
- Penetrating Primer

STANDARD PRODUCT COLORS

National Blue | Dark Gray | Light Gray | Navy Gray | Super Light Gray | Light Green

Tile Red | Dunes Tan | Safety Yellow | Black | Natural | White*

* White color may vary

ADDITIONAL COLORS:
(Not standard in all product lines)

Pastel Blue | Clear

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL INDUSTRIAL EPOXY

100% SOLIDS EPOXY

For protection against moderate chemicals.

Industrial Epoxy is a heavy-duty floor topping designed for moderate chemical resistance and severe mechanical abuse. This 100% solids copolymer resin system is tough and abrasion resistant. Essentially odorless, Industrial Epoxy is suitable for industrial manufacturing and warehousing.

- High degree of abrasion and impact resistance
- Economic, high-build system with fast turnaround and longer service life than competitive products
- Easy to apply, can go over 10 day old, damp concrete
- No primers required; can be top coated for a cleanable finish
- VOC compliant with 100% solids and low odor for use in all regulated areas

INDUSTRIAL EPOXY 1/4" (Heavy-Duty Topping)

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	125–250 mils	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Heavy-Duty flooring for industrial manufacturing, secondary containment, machine shops, warehouses and other physically abusive environments.

INDUSTRIAL EPOXY SMOOTH

Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	16–50 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Floor coating for warehousing, light to moderate manufacturing environments and as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY ORANGE PEEL

Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	6–8 mils/coat	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Orange peel floor coating for warehousing, light to moderate manufacturing environments, and as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY VERTICAL (Vertical/Wall Coating)

Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	8–16 mils/coat	Abrasion Resistance	—
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Vertical coating for concrete or block walls in industrial manufacturing, secondary containment, machine shops and warehousing.

INDUSTRIAL EPOXY COVE BASE

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	⅛"-¼" w/ 1½" radius	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Cove base for industrial manufacturing, secondary containment, machine shops, warehouses and other physically abusive environments.

CHEMICAL TESTING

Let Citadel test specific chemicals for your conditions and recommend the solution that is right for you. Many of our products have been tested in over 350 chemicals for up to one year immersion. See page 30 for listings.

COLORS

(See colors on page 19)

Industrial Epoxy 1/4": Standard Product Colors

Industrial Epoxy Smooth: Standard Product Colors & Pastel Blue

Industrial Epoxy-OP: Standard Product Colors

Industrial Epoxy-V: Standard Product Colors

Industrial Epoxy-CB: Standard Product Colors

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL INDUSTRIAL EPOXY PLUS

100% SOLIDS EPOXY

The top solution for less aggressive environments.

Protect against intermittent chemical spills, splashes and power washings, as well as foot, rubber-wheeled and vehicular traffic with the Industrial Epoxy Plus System. In a smooth or orange peel finish, you'll improve the appearance of service areas with excellent color and gloss retention.

- Aesthetically pleasing with extremely high gloss finish and excellent color stability
- For light to moderate chemical resistance, foot traffic, and rubber-wheeled traffic
- Can be combined with other heavy-duty and decorative systems
- Minimal maintenance required
- Can be broadcast for anti-slip finish (sand or aluminum oxide)
- VOC compliant with 100% solids and low odor for use in all regulated areas

INDUSTRIAL EPOXY PLUS SELF-LEVELING

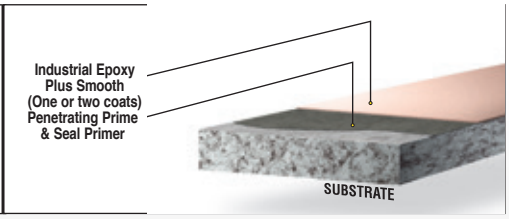
Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	90 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Best	Impact/Mechanical Abuse Resistance	Mild
Installation Temp Range	70°–90°F (21°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Self-leveling floor coating for industrial manufacturing, pharmaceutical and other mild to moderate chemical environments like warehouses, showrooms, aircraft hangars, laboratories, clean rooms, electrical plants and storage areas.

INDUSTRIAL EPOXY PLUS SMOOTH

Components	Base, Activator
Turnaround Time	8-12 hours (foot); 24-48 hours (full); 4 days (chemical)
Primer	Penetrating Prime & Seal Primer
Sealer	None
Texture	Smooth



Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	16–50 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Best	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

Floor coating for industrial manufacturing, pharmaceutical and other mild to moderate chemical environments like warehouses, showrooms, aircraft hangars, laboratories, clean rooms, electrical plants and storage areas. Also used as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY PLUS ORANGE PEEL

Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	6–8 mils/coat	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Best	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

Orange peel floor coating for industrial manufacturing, pharmaceutical and other mild to moderate chemical environments like warehouses, showrooms, aircraft hangars, laboratories, clean rooms, electrical plants and storage areas. Also used as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY PLUS VERTICAL (Vertical/Wall Coating)

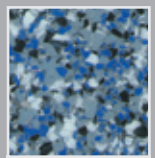
Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	8–16 mils	Abrasion Resistance	—
Gloss & Color Retention	Best	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

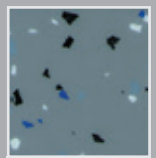
Vertical coating for concrete or block walls in industrial manufacturing, pharmaceutical and other mild to moderate chemical environments like warehouses, showrooms, aircraft hangars, laboratories, clean rooms, electrical plants, containment and storage areas.

DECORATIVE VINYL CHIPS

Vinyl chips can be fully or sparsely broadcasted in Industrial Epoxy for decorative finishes.



Full Broadcast



Sparse Broadcast

COLORS

(See colors on page 19)

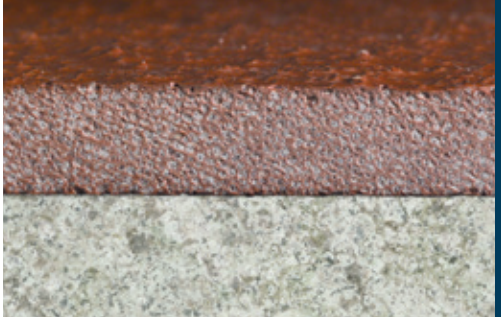
Industrial Epoxy Plus-SL: Standard Product Colors

Industrial Epoxy Plus-S: Standard Product Colors & Clear

Industrial Epoxy Plus-OP: Standard Product Colors & Clear
Note: excluding Natural

Industrial Epoxy Plus-V: Standard Product Colors & Clear
Note: excluding Natural

CITADEL®
FLOOR FINISHING SYSTEMS



CITADEL
INDUSTRIAL EPOXY PREMIUM
CHEMICAL RESISTANT EPOXY

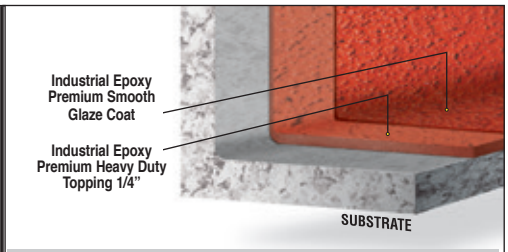
A strong solution for severe chemical conditions.

Industrial Epoxy Premium Heavy Duty offers the most extreme chemical resistance; making it perfect for areas subject to caustic washdowns. Industrial Epoxy Premium-HD also withstands mechanical abuse from steel wheeled traffic. Essentially odorless, making it suitable for food and beverage facilities.

- For extremely high chemical resistance, especially for alkalis and acids common to the food & beverage industry (for specific chemicals, refer to chart on page 30)
- Withstands mechanical abuse from steel-wheeled traffic
- Labor saver; high build in a single coat; "Contractor's Choice"
- VOC compliant with 100% solids and low odor for use in all regulated areas
- Can be used over 10 day old, damp concrete
- No primer necessary
- Tested in over 350 chemicals for one year immersion

INDUSTRIAL EPOXY PREMIUM HEAVY DUTY

Components	Base, Activator, Aggregate
Turnaround Time	8-10 hours (foot); 12-24 hours (full); 4 days (chemical)
Primer	None
Sealer	Optional, None Required
Texture	Various textures can be achieved by leaving the product uncoated or by using the appropriate topcoat



Industrial Epoxy Premium

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	125–250 mils	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

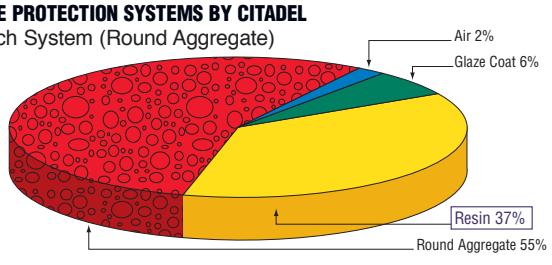
Heavy-duty flooring for chemical processing, food & beverage and industrial manufacturing environments such as dairies, bottling, meat & poultry processing, breweries & wineries, processing plants, secondary containment, grain processing, trench liners and tank farms.

RESIN-RICH VS. TROWELED

CONCRETE PROTECTION SYSTEMS BY CITADEL

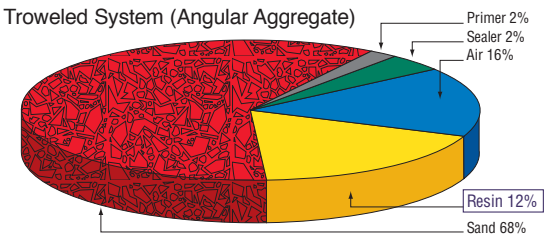
NON-POROUS

Resin-Rich System (Round Aggregate)



POROUS

Typical Troweled System (Angular Aggregate)



Citadel's resin rich systems contain a much higher ratio of resin-to-aggregate than troweled systems, making it non-porous and exceptionally chemical resistant. Our resin-rich systems use a round aggregate which allows resin to flow between the particles

INDUSTRIAL EPOXY PREMIUM HD VERTICAL (Heavy-Duty Vertical)

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	125 mils	Abrasion Resistance	—
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

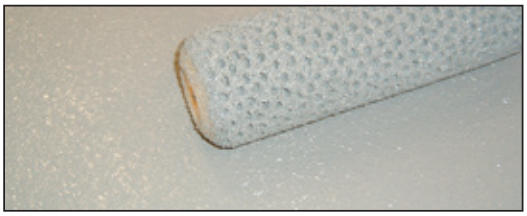
Key Industries/Typical Applications

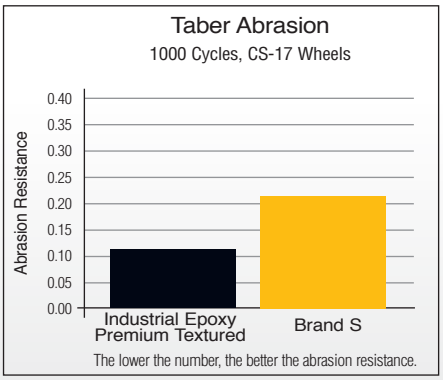
Heavy-duty vertical coating for concrete or block walls in chemical processing, food & beverage and industrial manufacturing environments such as dairies, bottling, meat & poultry processing, breweries & wineries, processing plants, secondary containment, grain processing, trench liners and tank farms.

INDUSTRIAL EPOXY PREMIUM TEXTURED

The TX formula utilizes a proprietary resin system to create a durable, textured, two-component, 100% solids anti-slip floor coating. Count on the advanced technology of Citadel Industrial Epoxy premium textured for a textured floor coating that maintains its "like new" look. Ideal applications include high-traffic areas, areas requiring slip resistance or protection against chemicals and abrasion. Industrial Epoxy premium textured can be easily combined with other Industrail Epoxy systems, or with additives like Aluminum Oxide for maximum performance and protection in your busy facility.

- Superior abrasion resistance
- Excellent chemical resistance
- Easy-to-mop and clean skid-resistant surface
- Textured finish minimizes flooring imperfections and provides anti-slip safety
- Can also be used as a vertical finish on concrete blocks





Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	14–16 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Textured floor coating for institutional, commercial & light manufacturing environments like laboratories, offices, corridors, locker rooms, shower rooms, restaurants, bathrooms, kitchens, cafeterias, schools, manufacturing, pharmaceutical areas & hospitals.

COLORS

(See colors on page 19)

Industrial Epoxy Premium-HD:
Standard Product Colors

Industrial Epoxy Premium-HDV:
Standard Product Colors

Industrial Epoxy Premium-TX:
Standard Product Colors
& Pastel Blue
Note: excluding National Blue, Light Green, Natural & White

Industrial Epoxy Premium Smooth:
Standard Product Colors

Industrial Epoxy Premium Vertical:
Standard Product Colors

Industrial Epoxy Premium-CB:
Standard Product Colors

Troweled systems use an angular aggregate that allows the particles to nest closer together. This nesting causes porosity between the particles.

Choose Citadel's resin-rich systems for seamless protection!

CITADEL®
FLOOR FINISHING SYSTEMS

INDUSTRIAL EPOXY PREMIUM
CHEMICAL RESISTANT EPOXY
A strong solution for severe chemical conditions.

INDUSTRIAL EPOXY PREMIUM SMOOTH

Application Type	Type I	Chemical Resistance	Moderate to Severe
Film Thickness	16–50 mils	Abrasion Resistance	Rubber Wheel*
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

Floor coating for chemical processing, food & beverage and industrial manufacturing environments such as dairies, bottling, meat & poultry processing, breweries & wineries, processing plants, secondary containment, grain processing, trench liners and tank farms. Also used as a chemically resistant topcoat in heavy-duty and thermal shock environments.

* Except when used as a topcoat in heavy-duty environments

INDUSTRIAL EPOXY PREMIUM VERTICAL

Application Type	Type I	Chemical Resistance	Moderate to Severe
Film Thickness	8–16 mils	Abrasion Resistance	—
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

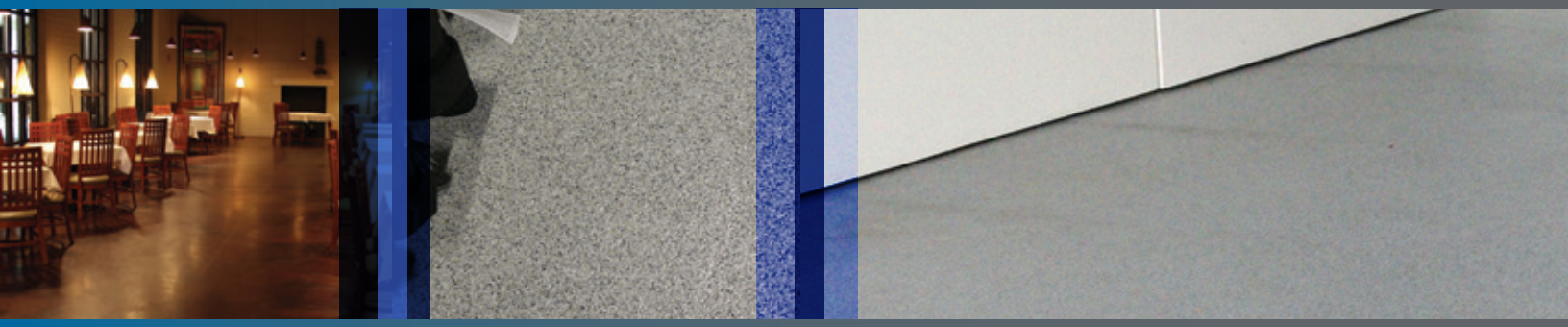
Vertical coating for concrete or block walls in chemical processing, food & beverage and industrial manufacturing environments such as dairies, bottling, meat & poultry processing, breweries & wineries, processing plants, secondary containment, grain processing, trench liners and tank farms.

INDUSTRIAL EPOXY PREMIUM COVE BASE

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	⅛"-¼" w/ 1½" radius	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

Cove base for chemical processing, food & beverage and industrial manufacturing environments such as dairies, bottling, meat & poultry processing, breweries & wineries, processing plants, secondary containment, grain processing, trench liners and tank farms.



CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL INDUSTRIAL EPOXY NOVALAC

The ultimate solution for extreme chemical conditions.

The harshest chemicals out there — even 98% sulfuric acid — don't challenge Industrial Epoxy Novalac. This Novolac epoxy provides the highest level of protection against the most corrosive industrial chemicals. When applied at a thickness of ¼", it withstands steel wheeled traffic and severe mechanical abuse. Don't risk your floor to a non-novolac!

- Premier product for its easy-to-apply viscosity and one coat finish
- Widest degree of chemical resistance out there — from alkalis to acids
- Excellent abrasion resistance
- Can be used over 10 day old, damp concrete
- Contractors prefer our easy-to-apply novolac, half the labor of any other competitive brand
- Tested in over 350 chemicals for one year immersion

INDUSTRIAL EPOXY NOVALAC HEAVY DUTY

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	125–250 mils	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Heavy-duty flooring for chemical processing, pulp & paper, food & beverage, secondary containment, tank farms, trench liners, sump lining, plating facilities and battery storage areas.

INDUSTRIAL EPOXY NOVALAC-HDV (Heavy-Duty Vertical)

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	125 mils	Abrasion Resistance	—
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Heavy-duty vertical coating for concrete or block walls in chemical processing, pulp & paper, food & beverage, secondary containment, tank farms, trench liners, sump lining, plating facilities and battery storage areas.

INDUSTRIAL EPOXY NOVALAC SMOOTH

Application Type	Type I	Chemical Resistance	Severe
Film Thickness	16–50 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Floor coating for chemical processing, pulp & paper, food & beverage, secondary containment, tank farms, trench liners, sump lining, plating facilities and battery storage areas. Also used as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY NOVALAC VERTICAL

Application Type	Type I	Chemical Resistance	Severe
Film Thickness	8-16 mils	Abrasion Resistance	—
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Vertical coating for concrete or block walls in chemical processing, pulp & paper, food & beverage, secondary containment, tank farms, trench liners, sump lining, plating facilities and battery storage areas.

INDUSTRIAL EPOXY NOVALAC COVE BASE

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	⅛"-¼" w/ 1½" radius	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Vertical coating for chemical processing, pulp & paper, food & beverage, secondary containment, tank farms, trench liners, sump lining, plating facilities and battery storage areas.

COLORS

(See colors on page 19)

Industrial Epoxy Novalac-HD: Standard Product Colors

Industrial Epoxy Novalac-HDV: Standard Product Colors

Industrial Epoxy Novalac-S: Standard Product Colors

Industrial Epoxy Novalac-V: Standard Product Colors

Industrial Epoxy Novalac-CB: Standard Product Colors

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL INDUSTRIAL EPOXY COLD CURE

45/65 LOW TEMP EPOXY

An effective solution for lower temperature applications.

For lower temperature applications such as meat and poultry plants, Industrial Epoxy Cold Cure HD offers rapid turnaround minimizing your valuable downtime.

- Fast curing at ambient temperatures, normal cure at cold temperatures
- Easy to apply heavy-duty floor topping
- For moderate chemical resistance and severe mechanical abuse
- Abrasion resistant when applied at ⅛"-¼"
- VOC compliant with 100% solids and low odor for use in all regulated areas

INDUSTRIAL EPOXY COLD CURE HEAVY DUTY

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	125–250 mils	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	45°–65°F (7°–18°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Heavy-duty flooring for food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment.

INDUSTRIAL EPOXY COLD CURE HEAVY DUTY VERTICAL

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	125 mils	Abrasion Resistance	—
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	45°–65°F (7°–18°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Heavy-duty vertical coating for concrete or block walls in food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment.

INDUSTRIAL EPOXY COLD CURE SMOOTH

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	16–50 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	45°–65°F (7°–18°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Floor coating for food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment. Also used as a topcoat in heavy-duty environments.

INDUSTRIAL EPOXY COLD CURE VERTICAL

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	8–16 mils	Abrasion Resistance	—
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	45°–65°F (7°–18°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Vertical coating for concrete or block walls in food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment.

INDUSTRIAL EPOXY COLD CURE COVE BASE

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	⅛"-¼" w/ 1½" radius	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	45°–65°F (7°–18°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Cove base for food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment.

COLORS

(See colors on page 19)

Industrial Epoxy Cold Cure HD: Standard Product Colors

Industrial Epoxy Cold Cure HDV: Standard Product Colors

Industrial Epoxy Cold Cure S: Standard Product Colors

Industrial Epoxy Cold Cure V: Standard Product Colors

Industrial Epoxy Cold Cure CB: Standard Product Colors & Pastel Blue. Note: excluding Dunes Tan

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL EPOXY MORTAR

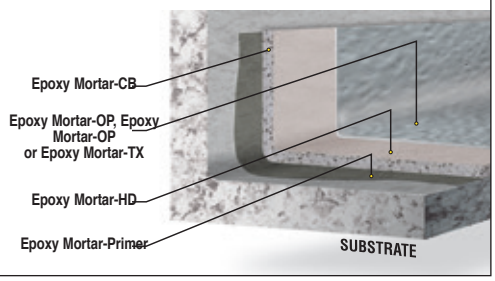
A durable solution stands in the way of extreme physical abuse.

The steady grind of a forklift in motion or the constant battering from heavy barrels is all in a hard day's work. Resurface spalled concrete or preserve and extend the life of new concrete floors with Epoxy Mortar-HD. This durable, protective topping covers your need for strong, seamless protection when mechanical abrasion and impact are extreme and exposure to chemicals is moderate.

- Application with a screed box and power trowel, or it can be hand troweled in more confined areas
- Level and resurface hazardous areas with seamless construction
- For heavy-duty mechanical, abrasion and impact resistance
- Superior compressive strength with twice the load-carrying capacity of uncoated concrete
- Highest resin content in the industry for superior durability compared to other trowel-applied toppings
- VOC compliant with 100% solids and low odor for use in all regulated areas

EPOXY MORTAR HEAVY DUTY

Components	Base, Activator, Aggregate
Turnaround Time	8-10 hours (foot); 24 hours (full); 4 days (chemical)
Primer	Epoxy Mortar Primer
Sealer	Industrial epoxy, Plus or Premium
Texture	Various textures can be achieved by using Smooth, Orange Peel, or Textured coatings, or broadcasting vinyl chips

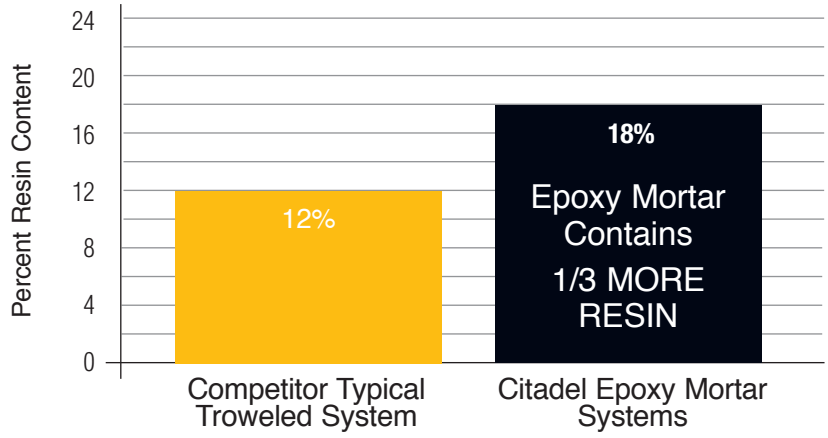


Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	186-250 mils	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	Best when topcoated	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Moderate

Key Industries/Typical Applications

Heavy-duty troweled flooring for industrial manufacturing, pharmaceutical, process areas, aisles, packaging (wrap & inventory), primary manufacturing and warehousing.

9000-HD TEST RESULTS



CONCRETE CHALLENGE

Maximum resistance to physical abuse with an easy to clean surface.

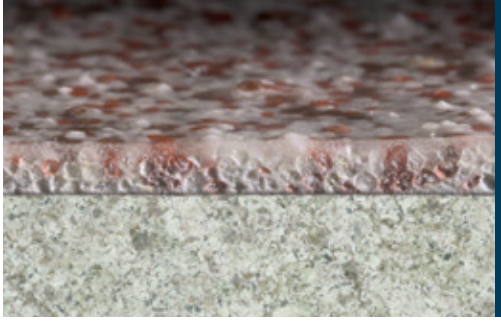
SOLUTION: Epoxy Mortar Systems are the perfect blend of labor savings, performance and good looks. Resistance to physical abuse with textured easy clean (even with a mop), one-coat application is the winning combination.

COLORS

(See colors on page 19)

Epoxy Mortor Heavy Duty:
Standard Product Colors

CITADEL®
FLOOR FINISHING SYSTEMS

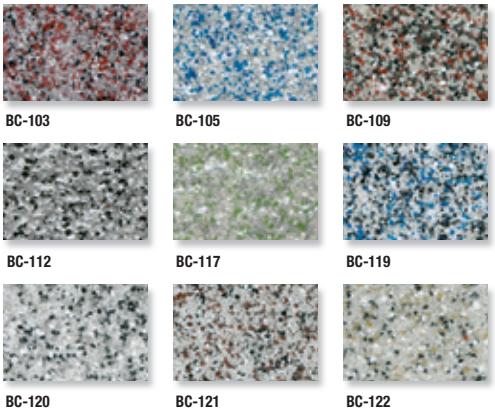


CITADEL EPOXY MORTAR
DECORATIVE QUARTZ
Our most decorative solution combines aesthetics with safety.

Guard against slips and falls with Epoxy Mortor Decorative Quartz, a decorative coating for concrete protection.
This three-component (base coat, aggregate and sealer) system of decorative quartz blends together to protect the concrete and people around you.

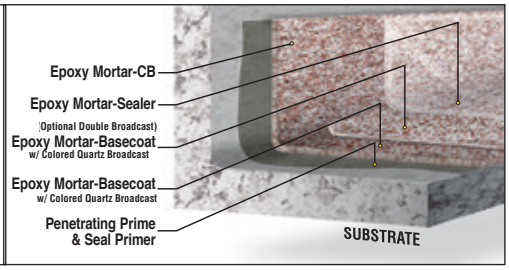
- Range of thickness from 1/16"-1/4" adapts to any need
- Chemical resistance with splash-and-spill protection against many acids, alkalis and solvents
- Can be applied as an an anti-slip finish in a single broadcast, or an easy to clean/mop aesthetically pleasing finish with double broadcast
- Non-porous, high-density composition resists bacterial growth and corrosion
- VOC compliance with virtually no odor

Epoxy Mortor Decorative Quartz Colors



EPOXY MORTAR DECORATIVE QUARTZ

Components	Base Coat (Base, Activator), Quartz Aggregate & Sealer
Turnaround Time	16-24 hours (foot); 24-48 hours (full); 4 days (chemical)
Primer	Penetrating Prime & Seal Primer
Sealer	9600 Sealer
Texture	Smooth, High Profile or Low Profile, Orange Peel



Application Type	Type I	Chemical Resistance	Mild to Moderate
Film Thickness	62-125 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Decorative floor coating for institutional, commercial and pharmaceutical areas like laboratories, offices, corridors, locker rooms, showrooms, restaurants, bathrooms, kitchens, cafeterias, schools, light manufacturing, and hospitals.

EPOXY MORTAR-CB (Decorative Cove Base)

Application Type	Type II	Chemical Resistance	Moderate to Severe
Film Thickness	1/8"-1/4" w/ 1 1/2" radius	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Decorative cove base for institutional, commercial and pharmaceutical areas like laboratories, offices, corridors, locker rooms, showrooms, restaurants, bathrooms, kitchens, cafeterias, schools, light manufacturing, and hospitals.

Epoxy Mortor Basecoat:
Clear & Super Light Gray

Epoxy Mortor Sealer:
Clear

Epoxy Mortor Aggregate
see above

Epoxy Mortor-CB:
Clear

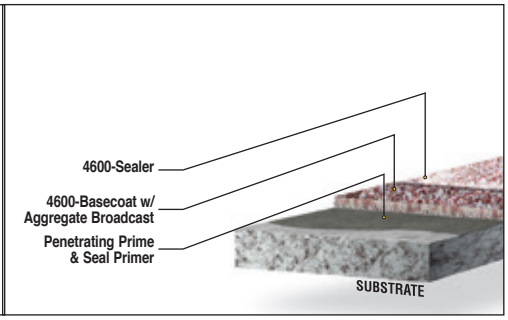
CITADEL INDUSTRIAL ESD
ELECTROSTATIC DISCHARGE CONTROL DECORATIVE QUARTZ
Aesthetically pleasing ESD control solution.

Commercial, institutional, and industrial facilities that require ESD (electrostatic discharge) control and desire a decorative look will benefit from 9600 SC heavy-duty coating.

This three-component decorative quartz blend resists chemicals, vehicle traffic and impact with 2 to 3 times the load carrying capacity of concrete.

INDUSTRIAL ESD - DECORATIVE (Decorative ESD-Control Coating)

Components	Base Coat (Base, Activator); SC Quartz Aggregate & Sealer (Base, Activator)
Turnaround Time	12 hours (foot); 24 hours (full); 4 days (chemical)
Primer	Penetrating Prime & Seal Primer
Sealer	9600 SC Sealer
Texture	High Profile, Aggressive Anti-Skid; Low Profile can be achieved by applying two coats of sealer.

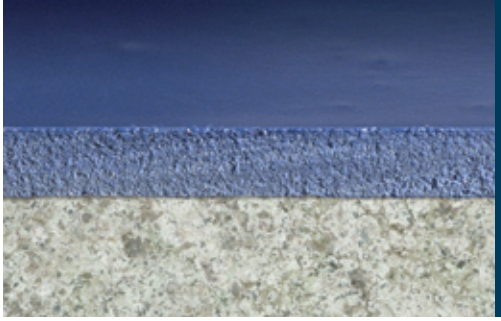


Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	12-16 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Decorative electrostatic discharge control base coat for institutional, commercial and pharmaceutical areas like clean rooms, hospitals, automated assembly areas, storage areas, computer control rooms, electronic assembly areas and electronic manufacturing plants.

Contact Technical Service
for more information



CITADEL INDUSTRIAL EPOXY ESD SLURRY

Striking solutions to control electrostatic discharge.

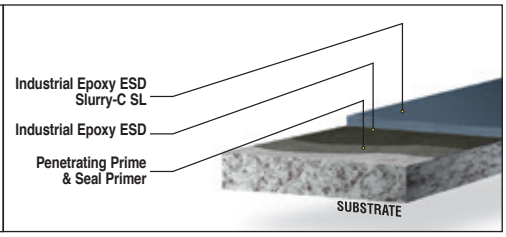
Electrostatic discharge causes a shocking $5 billion in lost profits annually. Protect yourself with Conductive and Static Dissipative floor toppings and coatings. Just walking across the floor can generate as much as 3,000 volts. It takes as little as 10 volts to cause damage to sensitive equipment and products, even ignition of flammable solvents and chemicals. Industrial Epoxy ESD Control systems provide more effective protection against static and sparking than tile, carpet, and mats:

- Conductive: for areas requiring low resistance (25,000 ohms to 1 megohm @ 500 V based on NFPA 99 test method)
- Static dissipative: for areas where electrostatic charge build-up hinders productivity (1 megohm to 1,000 megohms @ 100 V based on ASTM F test method)
- Seamless surface stays in place, is non-porous, and easy to clean without dusting or waxing
- Two resistance ranges protect against a variety of acids, alkalis and solvents, in addition to physical impact and water absorption

Light to medium service areas in a range of industries, where foot and rubber-wheeled traffic are typical, can benefit from the static dissipative abilities of Industrial Epoxy ESD Slurry coatings.

INDUSTRIAL EPOXY ESD-C SL
(Self-Leveling Conductive Coating)

Components	100% Solids Epoxy
Turnaround Time	8-12 hours (foot); 72 hours (full); 4 days (chemical)
Primer	Penetrating Prime & Seal Primer and Primer ESD
Sealer	None
Texture	Smooth



Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	90–105 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	70°–90°F (21°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Self-leveling conductive coating for potentially explosive areas in industrial manufacturing, institutional and electronics like pyrotechnics processing areas, powdered production plants and airbag plants.

CONCRETE CHALLENGE

Electronics assembly area experienced electrostatic discharge spikes that devastated production and profits. Must avoid slip and fall hazards from mats/carpets.

SOLUTION: Industrial Epoxy ESD Control Coatings protect your products from the devastation caused by ESD. ESD Control system can be customized for your critical operations. ESD Control system offers seamless, wall to wall protection with performance, durability, easy maintenance, chemical and fire resistance. ESD Control system puts you back in control of your profits!

Required Systems: Contact Citadel's Flooring Specialists for a customized ESD control coating recommendation.

INDUSTRIAL EPOXY ESD SLURRY-SD SL
(Self-Leveling Static Dissipative Coating)

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	90–105 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Better	Impact/Mechanical Abuse Resistance	Mild to Moderate
Installation Temp Range	70°–90°F (21°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

Self-leveling static dissipative coating for industrial manufacturing, institutional and electronics like clean rooms, hospitals, automated assembly areas, computer control rooms, semi-conductor and relay assembly areas, printing press areas and electronic manufacturing plants.

INDUSTRIAL EPOXY ESD SLURRY-SD S (Static Dissipative Coating)

Application Type	Type II	Chemical Resistance	Mild to Moderate
Film Thickness	16 mils	Abrasion Resistance	Rubber Wheel
Gloss & Color Retention	Good	Impact/Mechanical Abuse Resistance	Mild
Installation Temp Range	70°–90°F (21°–32°C)	Thermal Shock Resistance	Mild

Key Industries/Typical Applications

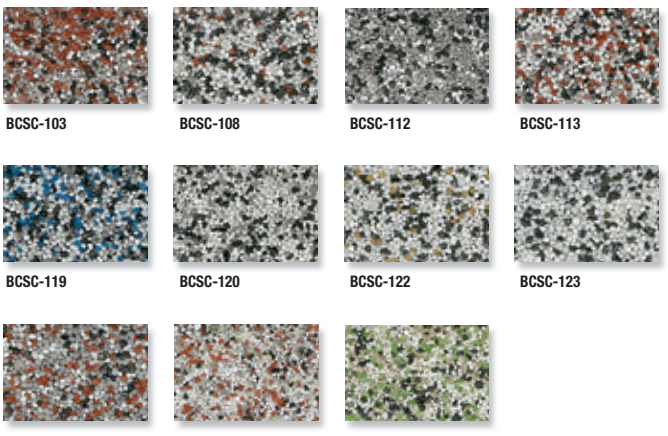
Static dissipative floor coating for industrial manufacturing, institutional and electronics like clean rooms, hospitals, automated assembly areas, computer control rooms, semi-conductor and relay assembly areas, printing press areas and electronic manufacturing plants.

ALSO AVAILABLE:

Industrial Epoxy ESD Primer
(for C SL and SD SL): Black

WB Epoxy Primer ESD
(for SD S): Black

Industrial Epoxy ESD Slurry COLORS



Industrial Epoxy ESD Slurry-C SL & Industrial Epoxy ESD Slurry-SD SL: Standard Product Colors

Industrial Epoxy ESD Slurry-SD S: National Blue, Dark Gray, Light Gray, Navy Gray, Light Green, Tile Red

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL EPOXY GROUTS

Precise alignment and mounting of heavy machinery.

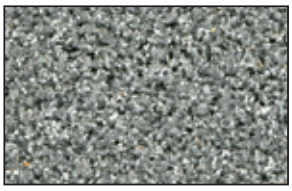
Vibration, rotation, shifting, and sheer weight are some of the forces that deteriorate the concrete of every facility. Epoxy Grouts are essential wherever rotating equipment, precision aligned machinery, heavy stationary tanks, rails, or load-bearing plates are installed. By creating stable foundations, machinery, equipment, and the surrounding concrete can perform at their peak for years of productive service.

- High tensile, flexural and compressive strengths keep valuable machinery and equipment perfectly aligned for years of service
- Low-exotherm cure minimizes shrinkage, ensuring full bearing where contact is maintained
- Low-dusting aggregate provides a cleaner work area and a safer work environment
- Fast curing can accept full service in as little as 6 hours, minimizing downtime
- High flowability can be poured to form under hard-to-reach foundations and pump pads

EPOXY GROUT GP: THE GENERAL PURPOSE SOLUTION

Intended for applications where machinery and equipment impart large dynamic loads to their foundations, this three-component grout consists of epoxy resin, amine hardener, and specially mixed low-dusting aggregate.

- Medium Gray only
- .44 cubic foot kit or 1.75 cubic foot kit



Application Type	Type II	Chemical Resistance	Moderate
Film Thickness	Varies	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	—	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

Flooring for chemical processing areas, food & beverage areas, heavy manufacturing areas, petrochemical, foundations, vessels & tanks, power transmission, pulp & paper plants, metal refining/mining, petroleum refining, turbines, rails, compressors, bearing plates, conveyor supports, cooling towers, engines, and pumps.

PHYSICAL PROPERTIES & COMPETITIVE REFERENCE

	Epoxy Grout GP	Competitors A	B	C
Compressive Strength (psi)	14,600	14,000	10,400	15,600
Flexural Strength (psi)	5,500	4,500	4,000	8,080
Tensile Strength (psi)	2,700	2,200	2,100	2,140
Thermal Coefficient of Friction (in/in/°F)	3.2 E^{-5}	1.9 E^{-5}	2.1 E^{-5}	7.6 E^{-5}
Linear Shrinkage	0.155%	0.05%	0.063%	--
Peak Exotherm, °F (at 72°F [22°C])	130°F [55°C]	152°F [67°C]	165°F [74°C]	133°F [56°C]
Modulus of Elasticity (psi)	2.16 E^{6}	2.1 E^{6}	--	2.4 E^{6}
Set Time (hours)	2:10	--	--	--

Epoxy Grout

This non-porous epoxy grout rebuilds severely eroded concrete floors with tremendous bonding and load-bearing properties exceeding the tensile and sheer strength of the concrete itself. Can be applied to damp, 10-day old concrete, curing in only 6-8 hours. Application Type II.

EPOXY GROUT QS: THE QUICK SET SOLUTION

Where faster turn-around and reduced downtime are requirements, this three-component grout has the same qualities as Epoxy Grout GP, but with a shorter set time of under two hours.

- Dark Blue only
- .44 cubic foot kit

Application Type	Type II
Film Thickness	Varies
Gloss & Color Retention	—
Installation Temp Range	65°–90°F (18°–32°C)

Key Industries/Typical Applications

Flooring for chemical processing areas, food & beverage areas, heavy manufacturing areas, petrochemical, foundations, vessels & tanks, power transmission, pulp & paper plants, metal refining/mining, petroleum refining, turbines, rails, compressors, bearing plates, conveyor supports, cooling towers, engines, and pumps.

PHYSICAL PROPERTIES & COMPETITIVE REFERENCE

	Epoxy Grout QS	Competitors D
Compressive Strength (psi)	18,900	19,000
Flexural Strength (psi)	5,780	--
Tensile Strength (psi)	2,870	2,000
Thermal Coefficient of Friction (in/in/°F)	1.5 E^{-5}	1.5 E^{-5}
Linear Shrinkage	0.065%	0.01%
Peak Exotherm, °F (at 72°F [22°C])	174°F [79°C]	220+°F [105+°C]
Modulus of Elasticity (psi)	2.62 E^{6}	--
Set Time (hours)	1:45	--

EPOXY GROUT CR: THE CORROSION RESISTANT SOLUTION

Where heavy-duty chemical resistance is required in addition to structural characteristics, as in pulp and paper industries, Epoxy Grout CR provides the same chemical protection as 8200 Plus®. It can withstand up to 98% sulfuric acid and hundreds of other harsh chemicals.

- Dark Red only
- .44 cubic foot kit

Application Type	Type II	Chemical Resistance	Severe
Film Thickness	Varies	Abrasion Resistance	Steel Wheel
Gloss & Color Retention	—	Impact/Mechanical Abuse Resistance	Severe
Installation Temp Range	65°–90°F (18°–32°C)	Thermal Shock Resistance	Mild to Moderate

Key Industries/Typical Applications

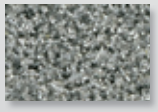
Flooring for chemical processing areas, food & beverage areas, heavy manufacturing areas, petrochemical, foundations, vessels & tanks, power transmission, pulp & paper plants, metal refining/mining, petroleum refining, turbines, rails, compressors, bearing plates, conveyor supports, cooling towers, engines, and pumps.

PHYSICAL PROPERTIES & COMPETITIVE REFERENCE

	Epoxy Grout CR	Competitors E
Compressive Strength (psi)	16,100	16,000
Flexural Strength (psi)	5,740	5,000
Tensile Strength (psi)	2,940	2,200
Thermal Coefficient of Friction (in/in/°F)	1.9 E^{-5}	1.5 E^{-5}
Linear Shrinkage	0.025%	--
Peak Exotherm, °F (at 72°F [22°C])	160°F [71°C]	--
Modulus of Elasticity (psi)	2.51 E^{6}	1.5 E^{6}
Set Time (hours)	1:40	--

EPOXY GROUT COLORS

Epoxy Grout QS
Dark Blue



Epoxy Grout GP
Medium Gray

Epoxy Grout CR
Dark Red

CITADEL®
FLOOR FINISHING SYSTEMS

CITADEL EPOXY PRIMERS

GREEN CONCRETE PRIME & SEAL

From pour to finished floor in less than 48 hours.

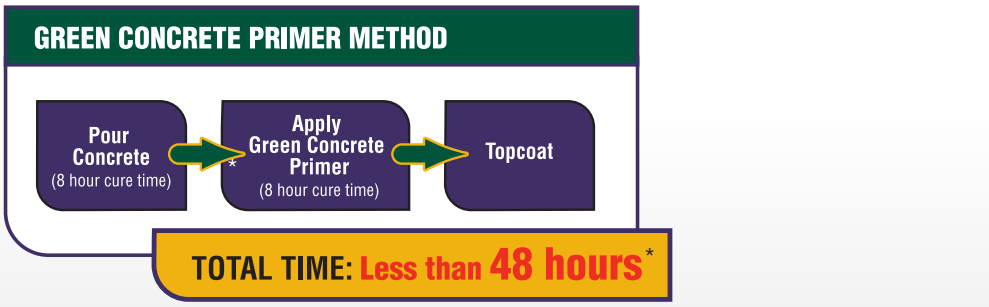
Easy. Time saving. And no shot blasting required. Green Concrete Prime & Seal combines the functions of a curing agent, sealer and permanent primer — all in one. It can be applied up to 8 hours after pouring the slab* and is ready for topcoating after only an additional 8 hours of dry time, allowing you to go from green concrete to a finished floor in less than 48 hours.

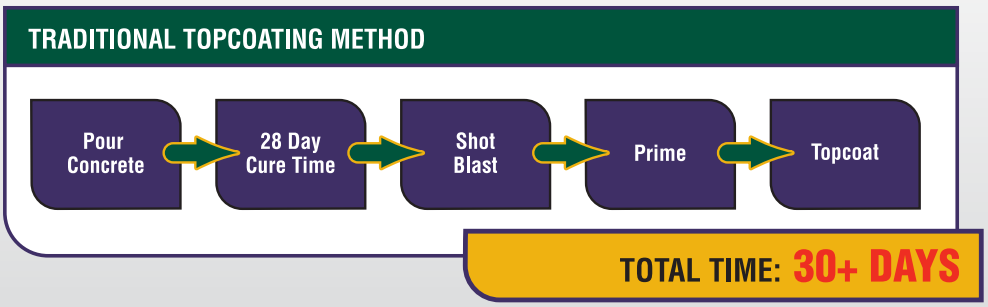
- Performs like a curing compound, sealer and primer all in one
- Applies easily, dries quickly, and does not have to be removed prior to recoating like traditional sealers
- One coat application
- Wide topcoating window — same day or up to 28 days
- Strengthens concrete
- Eliminates the cost of curing compounds and labor to apply them
- Eliminates the cost of 28 days of downtime
- Eliminates the cost of shot blasting, estimated at $.30-.50 per square foot
- Carpet, tile and floor coatings can be applied directly on cured floor
- Passes the test for use as a Concrete Curing Compound (ASTM C156-98 for Water Retention)

Application Type	Type II
Film Thickness	8 mils
Gloss & Color Retention	—
Installation Temp Range	65°–90°F (18°–32°C)

Key Industries/Typical Applications

New construction, plant renovations.





* Green concrete can be applied as soon as concrete can be walked on without marring (typically 4-16 hours post pour depending on environmental conditions).

FastPrime™

Prime. Seal. Dustproof. In no time.

This two-component, easy-to-apply high-solids epoxy primer protects against dust, water and mild chemicals. Can be used as a concrete primer or stand-alone sealer. Fast cure for recoat in 1/2 to 2 hours, even in colder environments. Slight odor. VOC compliant with <100 g/l. Available in Amber Clear. Application Type I.

Green Concrete Prime and Seal

This two-component, virtually 100% solids epoxy resin polymer seals the substrate and securely bonds it to the floor coating or patching materials. May be used before applying floor coatings, toppings, patching materials, or alone as a concrete sealer. Exceeds the tensile and sheer strength of the concrete itself, and cures in only 6-8 hours. Available in Natural, Light Gray and Super Light Gray. Application Type I.

Penetrating Primer

This two-component, virtually 100% solids epoxy resin polymer shares the same strong qualities of our Prime & Seal Primer. Designed for covering worn concrete, our penetrating formula seals small voids and pinholes to reduce bubbles in the topcoat. Available in Natural, Light Gray and Super Light Gray.

Application Type	Type I
Film Thickness	8 mils MAX.
Installation Temp Range	65°–90°F (18°–32°C)
Chemical Resistance	Mild to Moderate
Abrasion Resistance	Rubber Wheel
Impact/Mechanical Abuse Resistance	Mild to Moderate

Proper prep, patch & repair is critical to successful flooring applications!

CITADEL®
FLOOR FINISHING SYSTEMS

CHEMICAL RESISTANCE

BASED ON **ONE YEAR** IMMERSION TESTING

▲ Continuous Immersion

Suitable for continuous immersion in that chemical (based on ***ONE YEAR*** testing) to assure unlimited service life.

● Short-Term Exposure

Suitable for short-term exposure to that chemical such as secondary containment (72 hours) or splash and spill (immediate clean-up).

■ Not Suitable

Not suitable for any exposure to that chemical.

This chart shows chemical resistance of our various topping materials (90 mils – ¼"). These ratings are based on temperatures being ambient. At higher temperatures, chemical resistance may be effected. When chemical exposure is minimal to non-existent, a 9000 System–9000-HD or 4600 System– HD may be used.

Resistance data is listed with the assumption that the material has properly cured for at least four days, at recommended temperatures, prior to any chemical exposure. If no rating is shown, consult Technical Services. Chemical resistance of 8500 System–8200 MC, which is intended for resistance to some very specific solvents, is listed on page 34.

Let Citadel test specific chemicals for your conditions and recommend the solution that is right for you.

APPEARANCE NOTE:

In some cases, exposure to harsh chemicals may cause a color or gloss change in the flooring material, but will not affect the material's ability to protect or its performance characteristics.

The resistance chart on these pages rates performance and protection only. If aesthetics after exposure are also important, consult Citadel Technical Services during the selection process.

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Acetic Acid (0-15%)	●	■	■
Acetonitrile	▲	▲	●
Acetone (0-20%)	▲	▲	▲
Acetone (20-30%)	▲	▲	●
Acetone (30-50%)	▲	●	■
Acetone (50-100%)	●	■	■
Acrylamide (0-50%)	▲	▲	▲
Adipic Acid Solution	▲	▲	▲
Alcohol, Isopropyl	▲	▲	▲
Alcohol, Ethyl	▲	▲	●
Alcohol, Methyl	▲	▲	■
Allyl Chloride	▲	▲	■
Allylamine (0-20%)	▲	▲	■
Allylamine (20-30%)	▲	●	■
Allylamine (30-50%)	●	●	■
Aluminum Bromide	▲	▲	–
Aluminum Chloride	▲	▲	–
Aluminum Fluoride (0-25%)	▲	▲	–
Aluminum Hydroxide	▲	▲	▲
Aluminum Iodide	▲	▲	–
Aluminum Nitrate	▲	▲	–
Aluminum Sodium Chloride	▲	▲	–
Aluminum Sulfate	▲	▲	▲
Alums	▲	▲	▲
2-Aminoethoxyethanol	●	●	●
Ammonia – Wet	▲	▲	–
Ammonium Benzoate	▲	▲	–
Ammonium Chloride	▲	▲	▲
Ammonium Chlorostanate	▲	▲	–
Ammonium Fluoride (0-25%)	▲	▲	–
Ammonium Hydroxide	▲	▲	▲
Ammonium Iodate	▲	▲	–
Ammonium Iodide	▲	▲	–
Ammonium Nitrate	▲	▲	▲
Ammonium Oxalate	▲	▲	–
Ammonium Phosphate	▲	▲	–
Ammonium Silicate	▲	▲	–
Ammonium Sulfate	▲	▲	▲
Ammonium Sulfide	▲	▲	–
Ammonium Trichloride	▲	▲	–
Aniline	●	●	●
Aniline Hydrochloride	▲	▲	●
Anisole	▲	●	■
Arsenic Acid (0-75%)	●	●	●
Barium Bromide	▲	▲	▲
Barium Carbonate	▲	▲	▲
Barium Chloride	▲	▲	▲
Barium Citrate	▲	▲	–
Barium Dichromate	▲	▲	–
Barium Hydroxide (0-10%)	▲	▲	▲
Barium Iodate	▲	▲	–
Barium Iodide	▲	▲	–
Barium Nitrate	▲	▲	▲
Barium Nitrite	▲	▲	–

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Barium Oxalate	▲	▲	–
Barium Sulfate	▲	▲	▲
Barium Sulfide	▲	▲	–
Barium Sulfite	▲	▲	–
Beer	▲	▲	▲
Benzene	▲	●	■
Benzene Sulfonic Acid	▲	▲	–
Benzoic Acid	▲	▲	▲
Benzyl Alcohol	▲	●	●
Beverages – Carbonated	▲	▲	▲
Bizmuth Oxychloride	▲	▲	●
Black Liquor	▲	▲	–
Bleach (0-6%)	▲	▲	▲
Bleach Liquor	▲	▲	–
Blood	▲	▲	▲
Borax	▲	▲	▲
Boric Acid	▲	▲	▲
Bromic Acid	▲	▲	–
Bromine Water	▲	▲	–
Butadiene	▲	▲	–
Butanol	▲	▲	▲
Butyl Acetate	▲	▲	■
Butyl Benzoate	▲	▲	●
Butyl Cellosolve	▲	▲	●
Butyl Mercaptan	●	●	–
Cadmium Bromate	▲	▲	–
Cadmium Bromide	▲	▲	–
Calcium Bisulfite	▲	▲	▲
Calcium Bromate	▲	▲	–
Calcium Bromide	▲	▲	–
Calcium Carbonate	▲	▲	▲
Calcium Chlorate	▲	▲	–
Calcium Chloride	▲	▲	▲
Calcium Citrate	▲	▲	–
Calcium Hydroxide (0-50%)	▲	▲	▲
Calcium Hypochlorite (0-20%)	▲	▲	●
Calcium Iodide	▲	▲	–
Calcium Nitrate	▲	▲	▲
Calcium Nitrite	▲	▲	–
Calcium Oxychloride	▲	▲	●
Calcium Phosphate	▲	▲	–
Calcium Sulfate	▲	▲	▲
Calcium Thiosulfate	▲	▲	–
Caprolactam	●	●	■
Carbon Disulfide	▲	●	■
Carbon Tetrachloride	▲	▲	●
Carbonic Acid	▲	▲	▲
Castor Oil	▲	▲	▲
Chlorine – Dry Gas	▲	▲	–
Chlorine Water – All	▲	▲	–
Chlorine – Wet Gas	▲	▲	–
Chlorobenzene	▲	●	■
Chlorostannic Acid	▲	▲	–
Chromated Copper Arsenate (0-50%)	▲	▲	●
Chrome Plating – Hard	▲	▲	–
Chromic Acid (0-10%)	▲	▲	▲
Chromic Acid (10-66%)	●	■	■
Chromic Sulfate	▲	▲	–
Chromous Chloride	▲	▲	–
Chromous Iodide	▲	▲	–

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Citric Acid	▲	▲	▲
Copper Chloride	▲	▲	▲
Copper Fluoride	▲	▲	–
Copper Nitrate	▲	▲	▲
Copper Sulfate	▲	▲	▲
3-Cresol	▲	●	■
Creosote	▲	▲	▲
Crude Oil – Sour	▲	▲	▲
Crude Oil – Sweet	▲	▲	▲
Cupric Bromate	▲	▲	–
Cupric Bromide	▲	▲	–
Cupric Sulfate	▲	▲	▲
Cuprous Sulfite	▲	▲	–
Cuprous Thiocyanate	▲	▲	–
Cyclohexane	▲	▲	▲
Cyclohexylamine	●	●	■
Cyclopentane	▲	▲	▲
Detergents – All	▲	▲	▲
Diacetone Alcohol	▲	▲	–
Diallylamine	●	●	■
Dichlorobenzene,Ortho	▲	▲	●
1, 4-Dichloro-2-butene	▲	●	■
3, 4-Dichloro-1-butene	▲	■	●
Dicyclopentadiene	▲	▲	●
1, 4-Dioxane	●	●	■
Diesel Fuel	▲	▲	▲
Diethylene Glycol	▲	▲	–
N, N-Dimethylaniline	▲	▲	■
N, N-Dimethylcyclohexylamine	▲	▲	●
Dimethyl Phthalate	▲	▲	▲
Dimethyl Sulfate	▲	▲	▲
Dioctyl Phthalate	▲	▲	▲
Di-tert-Butyl Peroxide	▲	▲	▲
Dursban	▲	▲	▲
Ethanolamine	●	●	●
Ether	▲	▲	▲
Ethyl Acetate	▲	▲	■
Ethyl Acrylate	▲	▲	●
Ethyl Cellosolve	▲	▲	■
Ethylene Glycol	▲	▲	▲
Ethyl Hexanoate	▲	▲	▲
Ethyl Hexanol	▲	▲	■
Ethyl Lactate	▲	▲	●
Ethylmorpholine	▲	▲	–
Fat	▲	▲	▲
Fatty Acids	▲	▲	▲
Ferric Bromide	▲	▲	–
Ferric Chloride	▲	▲	▲
Ferric Formate	▲	▲	–
Ferric Nitrate	▲	▲	–
Ferric Oxalate	▲	▲	–
Ferric Sulfate	▲	▲	▲
Ferric Sulfide	▲	▲	–
Ferric Thiocyanate	▲	▲	–
Ferrous Chloride	▲	▲	▲
Ferrous Chloroplatinate	▲	▲	–
Ferrous Ferricyanide	▲	▲	–
Ferrous Fluoride	▲	▲	–
Ferrous Formate	▲	▲	–
Ferrous Iodide	▲	▲	–

CHEMICAL RESISTANCE

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Ferrous Perchlorate	▲	▲	–
Ferrous Potassium Oxalate	▲	▲	–
Ferrous Sulfate	▲	▲	▲
Ferrous Thiocyanate	▲	▲	–
Ferrous Thiosulfate	▲	▲	–
Fluoboric Acid (0-50%)	▲	▲	▲
Fluosilicic Acid (0-32%)	▲	▲	–
Foam Chemical – AFFF	▲	▲	▲
Formaldehyde (0-40%)	▲	▲	●
Formic Acid (0-10%)	●	■	■
Freon	▲	▲	–
Fumaric Acid (0-5.5%)	▲	▲	■
Funginex	▲	▲	▲
Gasoline, Refined – All	▲	▲	▲
Glucose	▲	▲	▲
Glycerine	▲	▲	▲
Glycol Ether PM	▲	▲	●
Glycol Ether PM Acetate	▲	▲	▲
Gyloxal	▲	▲	●
Heptane	▲	▲	▲
Hydrazine (35% Catalyzed)	▲	▲	–
Hydraulic Fluid	▲	▲	▲
Hydrobromic Acid (0-50%)	▲	▲	●
Hydrochloric Acid (0-37%)	▲	▲	▲
Hydrofluoric Acid (0-20%)	●	●	●
Hydrogen Peroxide (0-10%)	●	●	●
Hydrogen Peroxide (10-35%)	●	●	■
Hydrogen Sulfide – Aqueous	▲	▲	–
Hydroquinone (0-7%)	▲	▲	▲
Hypochlorous Acid (0-10%)	▲	▲	–
Isophorone	▲	▲	–
Isopropyl Biphenyl	▲	▲	▲
Jet Fuel	▲	▲	▲
Kerosene	▲	▲	▲
Lactic Acid (0-10%)	▲	▲	▲
Lactic Acid (10-20%)	▲	▲	●
Lactic Acid (20-40%)	●	●	■
Lactic Acid (40-88%)	●	■	■
Lard	▲	▲	▲
Lauric Acid	▲	▲	–
Lead Acetate	▲	▲	–
Lead Fluoborate (0-48%)	▲	▲	–
Lead Persulfate	▲	▲	–
Levulinic Acid (0-25%)	▲	▲	–
d-Limonene	▲	▲	▲
Lithium Acetate	▲	▲	–
Lithium Nitrate	▲	▲	–
Lithium Sulfide	▲	▲	–
Magnesium Acetate	▲	▲	–
Magnesium Bromide	▲	▲	–
Magnesium Carbonate	▲	▲	–
Magnesium Chloride	▲	▲	–
Magnesium Hydroxide	▲	▲	–
Magnesium Nitrate	▲	▲	–
Magnesium Perchlorate	▲	▲	–

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Magnesium Sulfate	▲	▲	–
Magnesium Thiosulfate	▲	▲	▲
Maleic Acid (100%)	▲	▲	–
Mercurous Nitrate	▲	▲	–
Mercury	▲	▲	–
Methacrylic Acid	●	●	■
Methyl Acetate	▲	●	■
Methyl Cellosolve	▲	■	■
Methyl Ethyl Ketone	●	■	■
Methyl Ethyl Ketone Peroxide (38%)	▲	●	■
Methyl Formate	▲	■	■
Methyl Isobutyl Carbitol	▲	▲	–
Methyl Isobutyl Ketone	▲	▲	▲
Methyl Lactate	▲	▲	●
Methyl Methacrylate	▲	▲	–
Mineral Oils	▲	▲	▲
Mineral Spirits	▲	▲	▲
Molasses	▲	▲	▲
Molybdenum Oxybromide	▲	▲	–
Molybdenum Tetrabromide	▲	▲	–
Molybdenum Oxychloride	▲	▲	–
Morpholine (0-50%)	▲	▲	●
Morpholine (50-100%)	●	■	■
Naphthalene	▲	▲	–
Naphthas	▲	▲	–
Nickel Bromide	▲	▲	–
Nickel Chloride	▲	▲	–
Nickel Formate	▲	▲	–
Nickel Nitrate	▲	▲	▲
Nickel Potassium Cyanide	▲	▲	–
Nitric Acid (0-15%)	▲	▲	▲
Nitric Acid (15-30%)	●	●	●
Nitric Acid (30-45%)	●	■	■
2-Nitroanisole	▲	▲	▲
Nitrobenzene	▲	●	■
Oakite Cleaning Solutions	▲	▲	▲
Octyl Aldehyde	▲	▲	■
Oleic Acid	▲	▲	–
Oleyl Alcohol	▲	▲	▲
Oxalic Acid (0-12.5%)	●	●	●
Palladium Chloride	▲	▲	–
Pentachlorophenol	▲	▲	▲
2, 4-Pentanedione	▲	●	●
Perchlorethylene	▲	▲	●
Phenol Sulfonic Acid	▲	▲	▲
Phosphoric Acid (0-40%)	▲	▲	●
Phosphoric Acid (40-80%)	●	●	●
Phthalic Acid (0-19%)	●	■	■
Picking Acids – Sulfuric & HCl	▲	▲	▲
4-Picoline (0-50%)	●	■	■
Picric Acid	▲	▲	–
Plating Solutions – All	▲	▲	–
Platinic Acid	▲	▲	–
Platinum Chloride	▲	▲	–
Platinum Sulfate	▲	▲	–
Potassium Aluminum Silicate	▲	▲	▲
Potassium Arsenate	▲	▲	–
Potassium Arsenite Acid	▲	▲	–
Potassium Bicarbonate	▲	▲	▲
Potassium Borate	▲	▲	–

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Potassium Bromide	▲	▲	–
Potassium Carbonate	▲	▲	▲
Potassium Chloride	▲	▲	–
Potassium Cyanate	▲	▲	–
Potassium Cyanide	▲	▲	–
Potassium Dichromate	▲	▲	–
Potassium Fluoride	▲	▲	–
Potassium Hydrosulfide	▲	▲	–
Potassium Hydroxide	▲	▲	–
Potassium Hypochlorite	▲	▲	–
Potassium Hypophosphite	▲	▲	–
Potassium Iodide	▲	▲	–
Potassium Nitrate	▲	▲	–
Potassium Phosphate, Hydrogen	▲	▲	–
Potassium Phosphate, Pyro	▲	▲	–
Potassium Phosphite	▲	▲	–
Potassium Silicate	▲	▲	–
Potassium Sulfate	▲	▲	–
Potassium Sulfide	▲	▲	–
Potassium Sulfite	▲	▲	–
Potassium Thiocarbonate	▲	▲	–
Potassium Thiocyanate	▲	▲	–
Propylamine (0-10%)	▲	●	●
Propylene Glycol	▲	▲	▲
Pryfon	▲	▲	▲
Pulp Mill Liquors	▲	▲	–
Rhodium Chloride	▲	▲	–
Rhodium Sulfate	▲	▲	–
Salicylic Acid	▲	▲	▲
Selenic Acid	▲	▲	–
Silicic Acid	▲	▲	–
Silicon Fluoride	▲	▲	–
Silver Nitrate	▲	▲	▲
Silver Perchlorate	▲	▲	–
Silver Permanganate	▲	▲	–
Silver Thiosulfate	▲	▲	–
Skydrol	▲	▲	▲
Soaps	▲	▲	▲
Sodium Acetate	▲	▲	▲
Sodium Benzoate	▲	▲	–
Sodium Bicarbonate	▲	▲	▲
Sodium Bisulfate	▲	▲	▲
Sodium Bromide	▲	▲	–
Sodium Carbonate	▲	▲	–
Sodium Chloride	▲	▲	▲
Sodium Chlorate (0-50%)	▲	▲	▲
Sodium Cyanide	▲	▲	–
Sodium Dichromate	▲	▲	–
Sodium Ferrocyanide	▲	▲	–
Sodium Fluoride	▲	▲	–
Sodium Hydrosulfite	▲	▲	▲
Sodium Hydroxide (0-50%)	▲	▲	▲
Sodium Hypochlorite (0-12.5%)	●	●	●
Sodium Hypochlorite (12.5-15%)	●	●	●
Sodium Metabisulfite (0-40%)	▲	▲	▲
Sodium Methoxide (0-30%)	▲	▲	●
Sodium Nitrate	▲	▲	–
Sodium Persulfate (0-55%)	●	●	●
Sodium Phosphate	▲	▲	–
Sodium Silicate	▲	▲	▲

CHEMICAL	Novalac	Ind. Epoxy Premium	Ind. Epoxy
Sodium Sulfate	▲	▲	–
Sodium Sulfite (0-30%)	▲	▲	▲
Sodium Tetraborate	▲	▲	–
Sodium Thiocyanate (0-16%)	▲	▲	▲
Sodium Thiosulfate	▲	▲	–
Stannic Chloride	▲	▲	–
Stearic Acid (0-10%)	▲	▲	■
Styrene	▲	▲	■
Sugars	▲	▲	▲
Sulfamic Acid (0-25%)	▲	▲	▲
Sulfite Liquors	▲	▲	–
Sulfur Chloride	●	●	●
Sulfuric Acid (0-40%)	▲	▲	▲
Sulfuric Acid (40-75%)	▲	▲	■
Sulfuric Acid (75-98%)	▲	■	■
Sulfurous Acid (0-7%)	▲	▲	–
Tannic Acid	▲	▲	–
Tantalum Fluoride	▲	▲	–
Tartaric Acid	▲	▲	–
Tetrachloroethylene	▲	▲	●
Tetraethyl Lead	▲	▲	–
Tetrahydrofuran (0-15%)	▲	▲	▲
Tin Fluoborate (0-48%)	▲	▲	–
Titanium Chloride	▲	▲	▲
Titanium Fluoride	▲	▲	–
Titanium Nitrate	▲	▲	–
Titanium Tetrachloride	▲	▲	▲
Toluene	▲	▲	●
Toluidine	●	●	■
1-1-1 Trichloroethane	▲	▲	–
Trichloroethylene	▲	■	■
Trichlorotrifluoroethane	▲	●	■
Tricresyl Phosphate	▲	▲	–
Triethylenetetramine	●	●	–
Trisodium Phosphate (0-20%)	▲	▲	▲
Tung Oil	▲	▲	▲
Turpentine	▲	▲	–
Urea (0-50%)	▲	▲	▲
Urine	▲	▲	▲
Vegetable Oils – All	▲	▲	–
Vinegar	▲	▲	▲
Vinyl Acetate	▲	▲	–
Vinyltrimethoxysilane	▲	▲	▲
Water	▲	▲	▲
Water, Salt	▲	▲	▲
Wine	▲	▲	▲
Xylene	▲	▲	●
Zinc Chloride	▲	▲	▲
Zinc Fluorosilicate	▲	▲	–
Zinc Formate	▲	▲	–
Zinc Permanganate	▲	▲	–
Zinc Sulfate	▲	▲	▲

CITADEL TOOLS

We sell the tools you need to get the job done right!

Dualie Paint Tray™

The Citadel Dualie Paint Tray is used in combination with the Dualie Roller to create the Citadel Medici System™ that provides virtually any look imaginable, with no more effort than it takes to roll paint on a wall. The Split Pan separates the two Medici Base Coats with the Citadel Color Shots™ you've chosen.

Typical Uses: The Dualie Paint Tray is used in combination with the Dualie Roller to create the Citadel Medici System™.

Container: box **Quantity:** 1 tray/box

9" Dualie Roller™

The Citadel 9" Dualie Roller is used in combination with the Dualie Paint Tray to create the Citadel Medici System™ that provides virtually any look imaginable, with no more effort than it takes to roll paint on a wall.

Typical Uses: The Dualie Paint Tray is used in combination with the Dualie Roller to create the Citadel Medici System.

Container: box **Quantity:** 1 roller/box

Dual Cartridge Caulking Gun

This tool is specifically designed for applying the Polyflex-93™ product. It is a unique pistol-grip caulking gun that presses two tubes with the squeeze of the trigger. With a very sturdy construction, this tool is built to last.

Typical Uses: This tool is specifically designed for applying the Polyflex-93 product.

Quantity: 1 pc.

Moisture Meter

This tool is a pocket size non-destructive meter designed and calibrated specifically to measure the moisture content in concrete flooring prior to the application of floor coverings. It provides instant readings, measures up to 6% moisture content, and features a large, easy to read analog display.

Typical Uses: For use on concrete, comparative readings on stone, lightweight concrete, gypsum floor screeds, ceramic tiles and other masonry type materials.

Quantity: 1 pc.

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- Planatary Grinders and Accessories
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