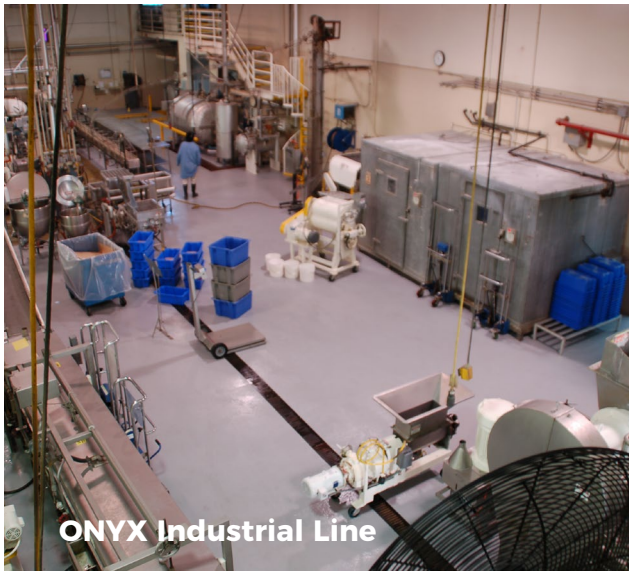
ONYX CONCRETE COATINGS

SYSTEMS CATALOGUE

APRIL 1 2023

ONYX Concrete Coatings | 1610 E. Miraloma Ave. Placentia, CA 92870 | +1 888.497.3872 | www.onyxconcretecoatings.com



ONYX Industrial Line

About Us

ONYX Concrete Coatings is an elite manufacturer of the highest quality concrete coatings. Originally founded in 1986, today ONYX has gained international recognition for excellence in all levels of concrete coating protection. Working alongside the finest installers, the ONYX product line has covered millions of square feet applied in the industrial, commercial, decorative, and residential worlds—all with a relentless determination to provide their customers with the utmost value. Please let ONYX know how to best serve you today.

> “ONYX is a solutions-oriented company. Only the ONYX product systems were able to solve the unprecedented challenges I faced while working for a large-scale manufacturing company.”
>
> – Robert Hollandsworth
> (Former EHS at Kimberly Clark)
> (Former Manuf. Eng. at Georgia Pacific)

ONYX Residential Line

ONYX Decorative Line

Color Charts

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LINES AND SYSTEMS

Please visit **onyxconcretecoatings.com** to view/ download the most recent issue of this catalogue.

COMMERCIAL COATING LINE

ONYX thin mil floor coatings improve any facility. Because the coatings can be applied between 6 to 40 mils, the durability and longevity will vary accordingly.

ADVANTAGES OF ONYX CONCRETE COATINGS

Non-porous flooring prevents water/chemicals from contaminating the concrete.

Seamless flooring makes cleaning easier for maintenance crews.

Range of colors transforms ugly concrete into beautiful floors.

Add aggregate for skid-resistant surfaces.

PRODUCT GROUP DESCRIPTIONS

PRIMERS

Thin mil coatings (and some Build Systems) require a primer. ONYX carries the standard EPOXY PRIME BASE (8 hr cure), EPOXY PRIME BASE FAST (4 hr cure), and EPOXY PRIME BASE FAST PLUS (2 hr cure), as well as the WATERBASED EPOXY FAST (2 hr cure) and the VAPOR REDUCER (6 hr cure). (NOTE: cure times are based on 70-75 degree temperatures.)

SEALERS

A wide range of products can be used to seal concrete, including epoxies (EPOXY HIGH CLEAR, EPOXY HIGH CLEAR FAST, and EPOXY WB FAST), polyurethanes (2K WB CRU available in Gloss or Matte), and a single component lithium guard (LITHIUM GUARD) used for scrub/seals and polishing.

COMMERCIAL COATING LINE (CONTINUED)

EPOXY HV (HIGH VISCOSITY) SYSTEM

Epoxy HV is An excellent option when dealing with damaged concrete or when a thicker, more durable floor is desired. The Epoxy HV (High Viscosity) is a three-part system that helps level out the resin, thereby creating a flatter surface that simply looks better. Epoxy HV provides value, in that it's an effective way increase mil thickness while minimizing the cost. (Add the 2K CRU WB to enhance the long term gloss or matte finish.)

FLEX SYSTEM

The FLEX COAT has 85% elongation, creating a terrific balance for an epoxy that can stretch, yet still maintain a hard surface. It is ideal for cracked/fractured concrete, and can also be installed underneath another system serving as a medium. Furthermore, it can be reinforced with fiberglass as a membrane to help resist water or chemicals from penetrating traditional epoxy.

VAPOR REDUCER SYSTEM

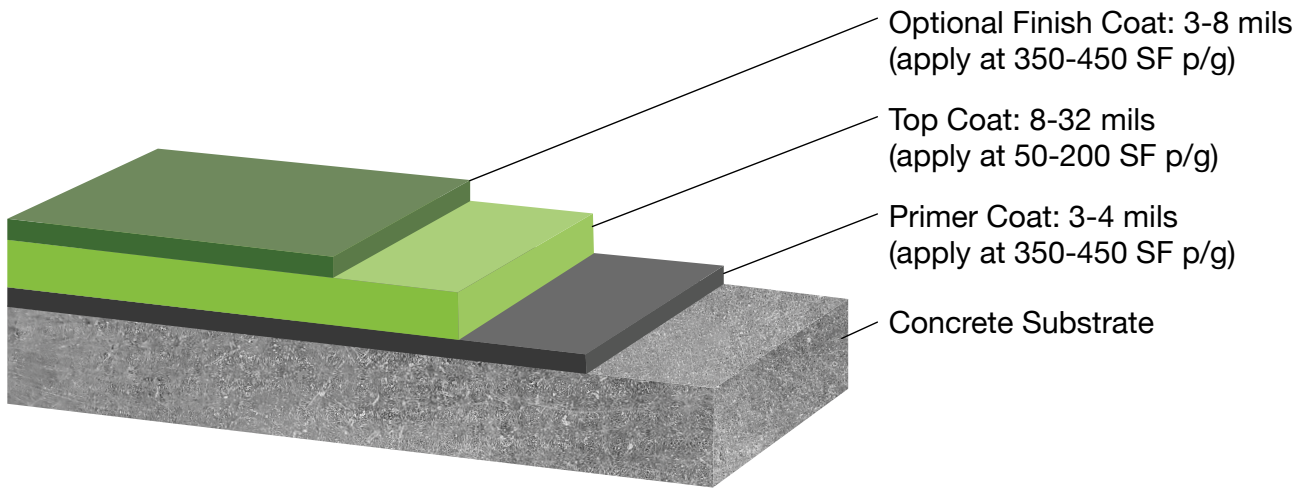
Unfortunately, excessive vapor in concrete may cause a floor coating to bubble or blister, breaking the bond line. Applying a coat of VAPOR REDUCER immediately decreases the likelihood of a failure. ONYX recommends applying two coats for additional insurance.

SEE PAGE 7 FOR COLOR CHART ⟶

EPOXY THIN MIL SYSTEM

The ONYX Epoxy Thin Mil System is used in nearly every type of facility. It can be installed anywhere between 8 to 40 mils. Thinner coatings should be used for foot traffic only. Heavy production conditions, such as forklift traffic or chemical attack, dictate systems in the Industrial Line. Thin mil systems require a primer (see p.4) pulled tight to seal the concrete pores prior to the top coat, thereby resisting outgassing. EPOXY TOP COAT and EPOXY TOP COAT FAST are used most frequently. Use the 2K WB CRU (Gloss or Matte as an optional finish) to enhance aesthetics by providing additional resistance to UV discoloration, staining, and preserving the long term appearance.

EPOXY THIN MIL SYSTEM



SOLID EPOXY COLOR CHART


Black


White


Tile Red


Safety Red


Night Grey


Dark Grey


Medium Grey


Light Grey


Light Brown

Dark Beige


Sand Beige


Light Beige


Dark Blue


Pastel Blue


Dark Green


Safety Yellow

"Having managed extensive construction projects for Toyota's Headquarters and Louis Vuitton, including over 200,000 square feet of an ONYX floor coating, I can say with confidence that their products not only held up, but created a decorative floor that everyone absolutely loved"

– Jim Baranek President, Elite Enviromental Building Services, Inc.

Color selection is only to be used for color approximation. Onsite mockups provide the most accurate results. Colors may come in gloss or matte finish contingent upon the urethane sealer final coat.

INDUSTRIAL LINE

Forged in the industrial world, ONYX Concrete Coatings create floors that stand up to heavy forklift traffic, industrial processing equipment, and employee wear. Facility/ maintenance managers, plant engineers, and everyday employees will be more comfortable, productive, and safe with ONYX under their feet.

There are unique conditions between a food processing facility, an aerospace factory, a pharmaceutical plant, and a paper mill. Whether chemicals attack the concrete, or the surfaces require resistance to slips and falls—ONYX has the solution.

INDUSTRIES

- Aerospace
- Automotive
- Cannabis
- Chemicals
- Cosmetics
- Food / Beverage
- General Manufacturing
- Machine Shops
- Pharmaceutical
- Pulp/Paper
- Textiles

Industrial manufacturing facilities are not limited to these product lines. Under the COMMERCIAL LINE, thin mil floors can be used in foot traffic areas. Under the DECORATIVE LINE, the Hybrid, Quartz, and Chip Systems may provide thickness/durability. Where natural concrete is desired, the RESURFACING LINE includes the 2K Grind & Seal System, which is a cost-effective, aesthetically satisfying, nonporous, and high performing solution. Concrete polishing is also an option.

> **"I served as the Operations Manager at Ducommun Aerospace for 20 years. After years of testing countless products side-by-side, I found that ONYX by far did the best job holding up to the extensive material movement and heavy forklift traffic, as well as all the other challenges that come running a plant of that magnitude. The installers did an excellent job prepping the concrete and pouring the floor. When customers would visit, they were amazed at how great the floor looked. Even after 10 years, the floors still looked great."**
>
> – Bob Lane
> (Former Operations Manager, Ducommun Aerospace)

NOVOLAC SYSTEM

When acids and harsh chemicals become so aggressive that urethane concrete and high build epoxies cannot hold up, turn to the chemical/acid-resistant Novolac System. Refer to the CHEMICAL RESISTANCE CHART taking into account the particular chemicals/acids, their concentrations, and whether it is for splash/spill or continuous exposure. (These products are not meant for continuous immersion without a flexible, waterproof membrane underneath.) The system has a dull finish. It should be installed as a resin rich, nonporous, broadcast floor rather than a dry mix, trowel down. (See pages 12-13.)

RECOMMENDED AREAS FOR NOVOLAC USAGE:

- Chemical Processing
- Chemical Storage
- Secondary Containment
- Battery Charging
- Plating Lines

GROUTING SYSTEMS

Whether you need grout material for sloping, building a berm, or packing in large voids, EPOXY GROUT and EPOXY GROUT FAST provide a cost-effective solution, without compromising strength or durability. If the grout material is too dry, the EPOXY BLOCK FILL can be used as a scratch coat to encapsulate surfaces such as a cinder block wall or damaged concrete. All grouting systems require a primer and should be sealed with a grout coat to fill in the pores from a dry mix. If desired, another system can then be installed over the grout.

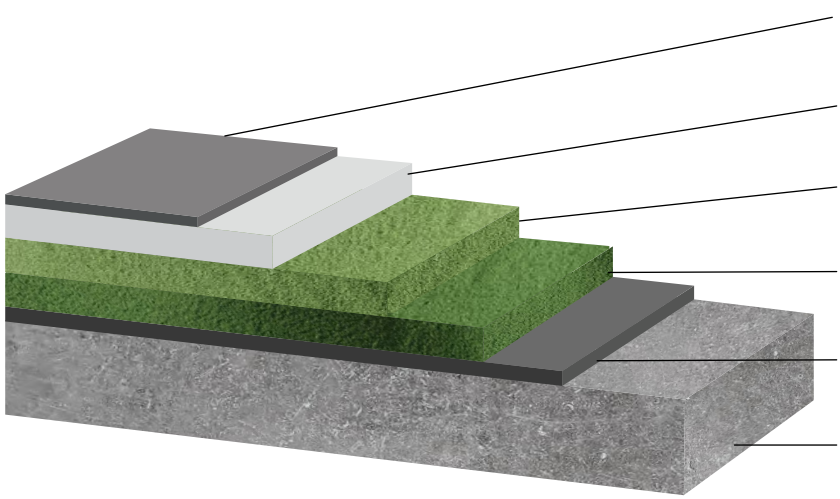
ONYX CRETE (URETHANE CONCRETE) SYSTEM

ONYX Crete is the ideal system for wet concrete in an abusive environment. Epoxy floors are great for most applications, but are more susceptible to failure in wet manufacturing areas (particularly food plants) and commercial kitchens. Epoxy is rigid and doesn't respond well to thermal shock. Once water finds a hairline crack, it penetrates and spreads. however, ONYX Crete is engineered to withstand nasty, hot temperatures, often occurring due to thermal shock / cycling.

RECOMMENDED AREAS FOR USAGE:

- › Restaurant
- › Dairies
- › Bakeries
- › Meat / Poultry
- › Kitchens
- › Breweries / Wineries
- › Wash Down
- › Water / Wastewater
- › Coolers / Freezers
- › Ovens / Fry Lines
- › Kettle Rooms

ONYX CRETE SYSTEM



ONYX CRETE COLOR CHART

Blue

Green

Tile Red

Tan

Charcoal

Dark Grey

Medium Grey

ONYX Crete is also available as a decorative system. Refer to the Hybrid System (page 17) in the Decorative Line.

This three component system consists of a base coat(s) (ONYX CRETE SL) and a top coat (ONYX CRETE TC), ranging from 1/8" - 3/8". If going thicker than 3/16", apply two base coats.

It is often installed with an integral cove base. To enhance the appearance, apply a finish coat of 2K WB CRU in either Gloss or Matte.

Color selection is only to be used for color approximation. Onsite mockups provide the most accurate results. Colors may come in gloss or matte finish contingent upon the urethane sealer final coat.

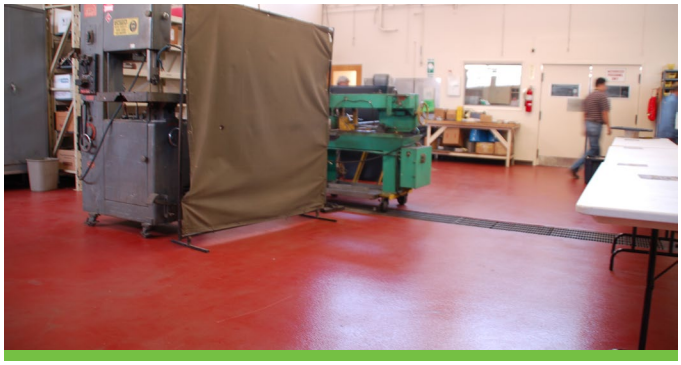
EPOXY BUILD SYSTEMS

Heavy duty epoxy is the industry standard for (dry) manufacturing facilities. EPOXY BUILD COAT and EPOXY TOP COAT are 100% solid, industrial strength epoxies that are mixed with aggregate to create a more durable, slip-resistant floor. They are available in fast cure versions (EPOXY BUILD COAT FAST and EPOXY TOP COAT FAST) when a quick turnaround time is required.

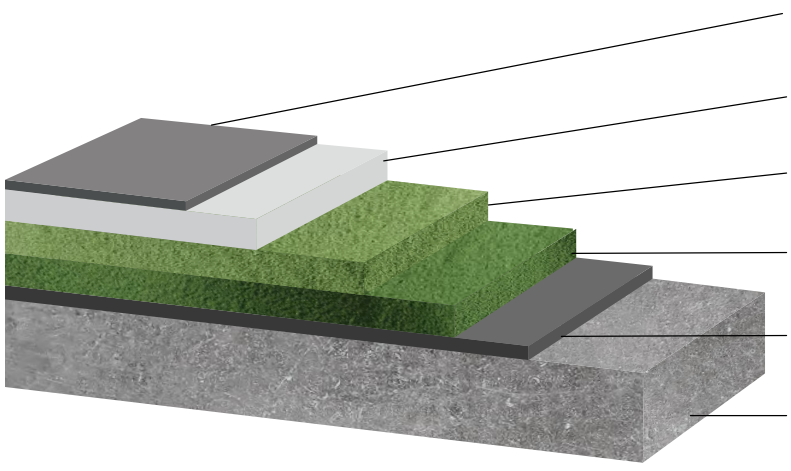
RECOMMENDED AREAS FOR USAGE:

- Aerospace
- Pharmaceutical
- Electronics
- Automotive / Service
- Aisle Ways
- Paper Mills
- Textiles
- Fasteners
- Power / Energy
- Recycling
- Printing
- Restrooms
- Warehousing

Epoxy Build Systems can be installed as a **broadcast system** (i.e., tossing aggregate into the coating surface while wet), requiring a base coat(s) and top coat. Unlike the Trowel Down Mortar System, this is resin-rich, nonporous coating.



BROADCAST SYSTEM



INDUSTRIAL LINE (CONTINUED)

Epoxy Build Systems can also be installed as a **Trowel Down Mortar System** (i.e., mixing the aggregate into the resin prior to installing on the floor). The dry mix optimizes durability through additional thickness. The system is porous and should only be used in dry environments. It requires both a primer and grout coat, in addition to the top coat.

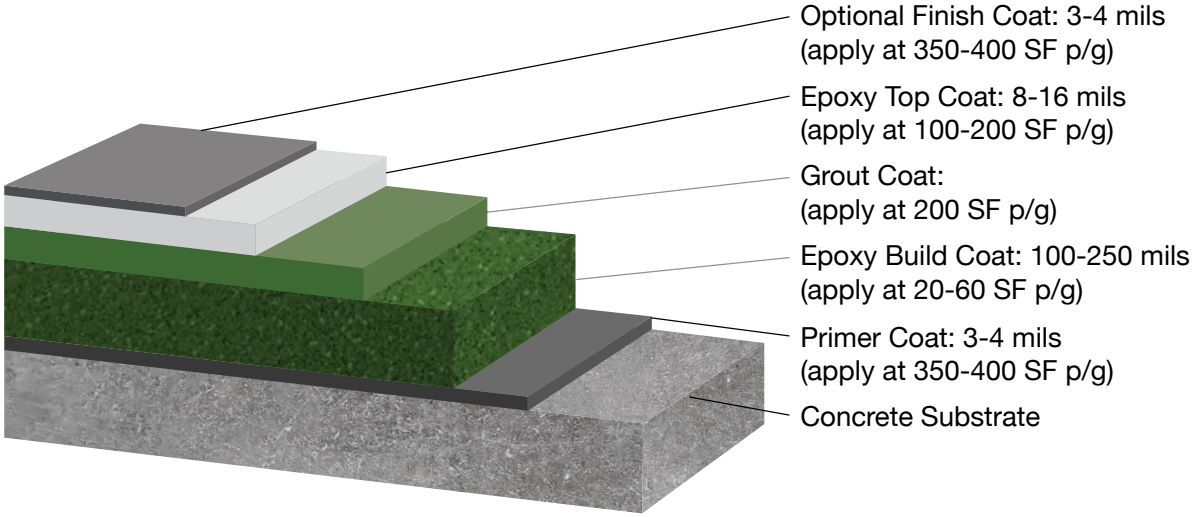
SOLID EPOXY COLOR CHART

Black	White	Tile Red
Safety Red	Night Grey	Dark Grey
Medium Grey	Light Grey	Light Brown
Dark Beige	Sand Beige	Light Beige
Dark Blue	Pastel Blue	Dark Green
Safety Yellow		

To enhance the appearance, apply a finish coat of 2K WB CRU in either Gloss or Matte.

← SEE PAGE 7 FOR LARGER COLOR CHART

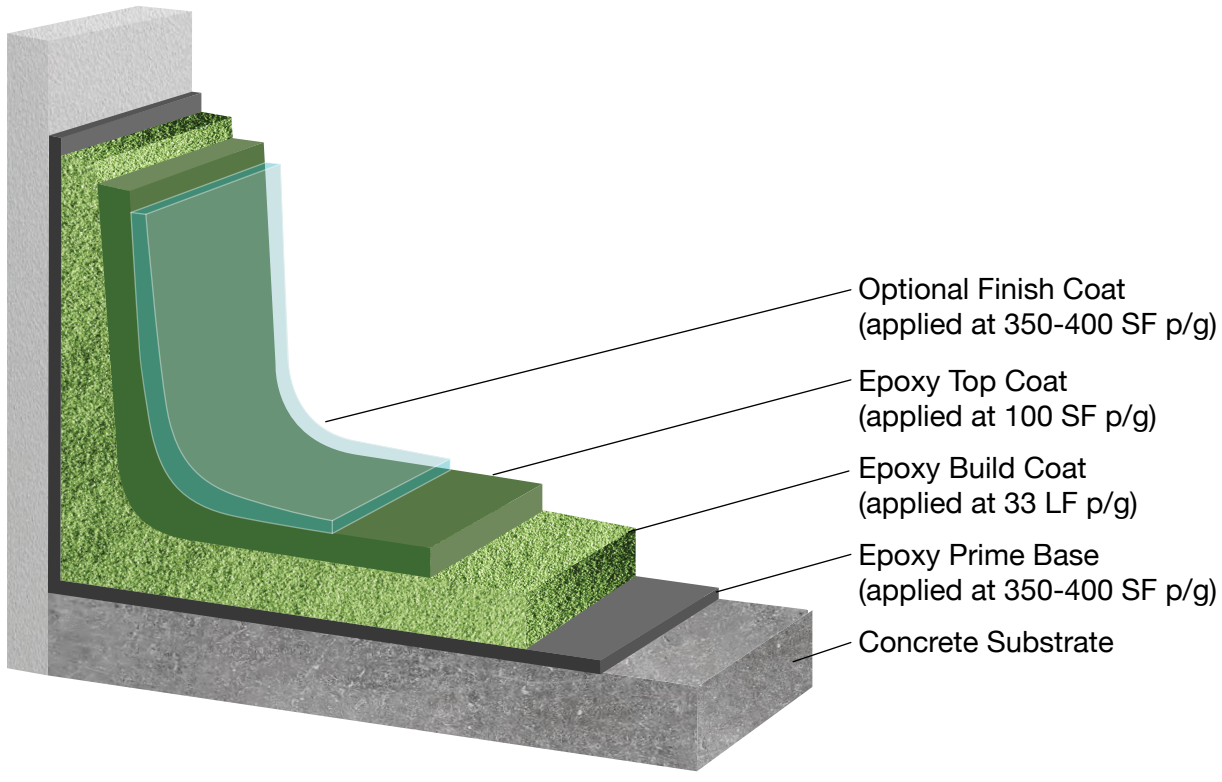
TROWEL DOWN MORTAR SYSTEM



COVE BASE SYSTEM

ONYX epoxy and urethane concrete floors are often installed along with a vertical cove base, forming a non-porous floor that creates a pan-effect. It is ideal to contain water, chemicals, and other fluids from penetrating where the floor and wall meet. The Cove Base is also is also ideal in any sanitary environment that desires easier cleaning and maintenance. EPOXY BUILD COAT is recommended for solid pigmented systems, and EPOXY HIGH CLEAR is recommended for Quartz and Hybrid Systems. Though they are typically installed at 4-6", they are sometimes installed much higher.

COVE BASE SYSTEM



INDUSTRIAL LINE (CONTINUED)

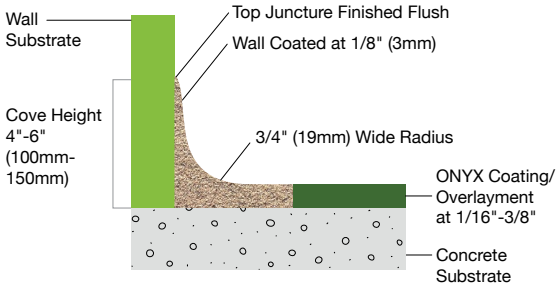
The Cove Base System can be installed using multiple methods, particularly at the termination point on the vertical surface. The cove base can be installed using a “J” or “L” strip (recommended) or flush against the wall. It can also be installed under FRP or as a cant in a heavy industrial environment. Refer to the details below for further information.

RECOMMENDED AREAS FOR USAGE:

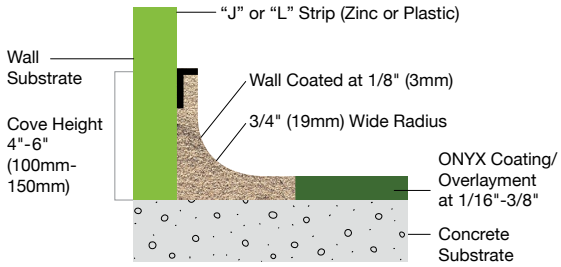
- › Kitchens
- › Food Processing
- › Chemical Processing
- › Wash Down
- › Chemical Containment
- › Wet Environments
- › Laboratories
- › Clean Rooms

COVE BASE DETAILS

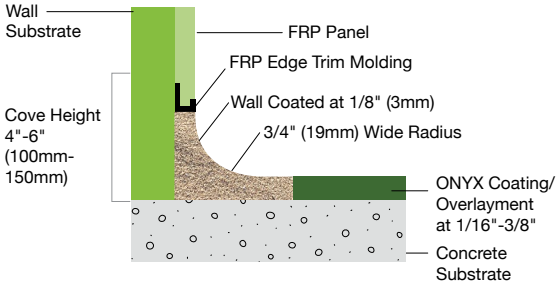
Flush Cove Transition



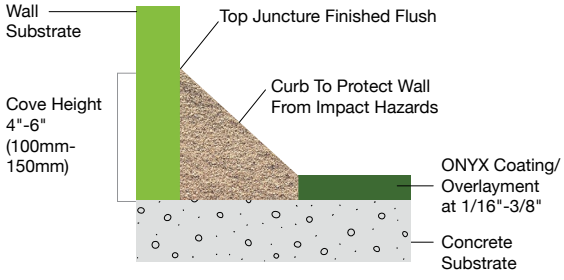
Lip Cove Transition



FRP Panel Cove Transition



Cant Cove Transition



DECORATIVE COATING LINE

Decorative resin systems offers the functional benefits of other coating systems, but with an aesthetic appeal. ONYX offers for Decorative Systems.

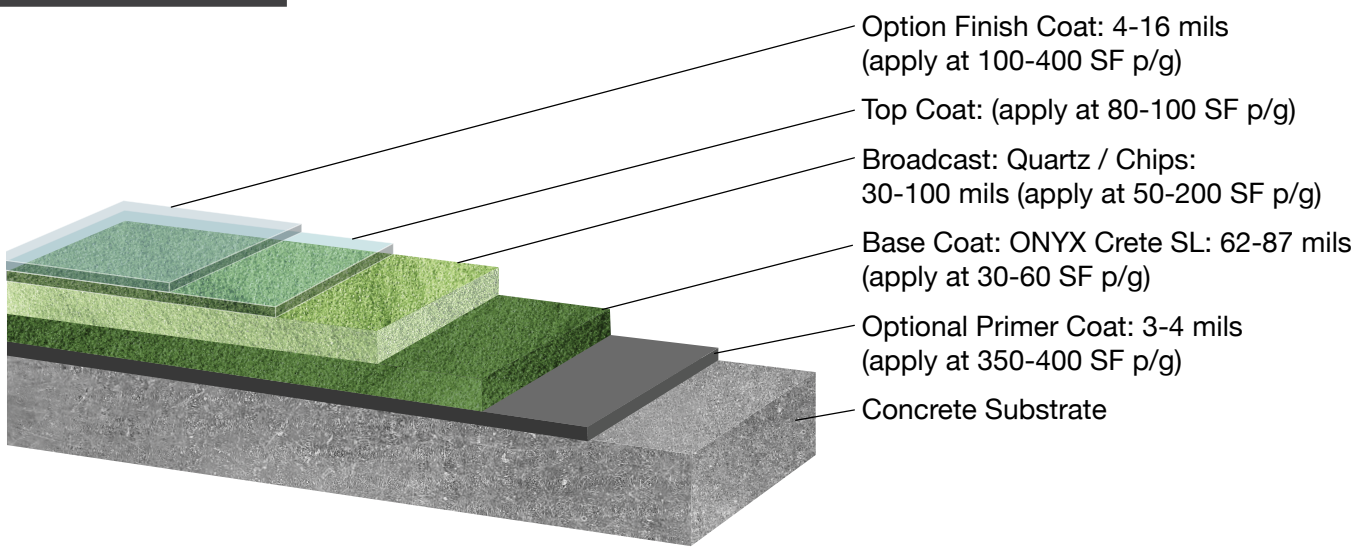
- Hybrid System
- Quartz System
- Metallics System
- Chips System

HYBRID SYSTEM

Get the best of both worlds with the Hybrid System. It meets the industrial demands and needs at the bottom, but gives the beauty of a decorative system on top. The system consists of the ONYX CRETE SL base coat with one of the decorative systems for the top portion, especially quartz or 1/4" chips. The chips also come in smaller and larger chip sizes with advanced ordering.

SEE QUARTZ COLOR CHART ON PAGE 21
OR CHIP COLOR CHART ON PAGE 25.

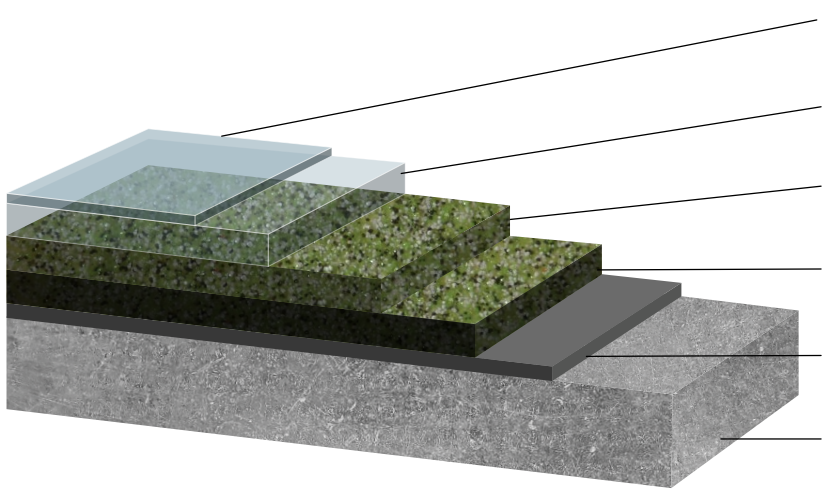
HYBRID SYSTEM



QUARTZ SYSTEM

Epoxy Quartz Systems provide the right balance between aesthetics and durability. Like the manufacturing industrial systems, it is installed at a higher mil thickness, capable of meeting a number of production demands. Use the EPOXY HIGH CLEAR as both the base coat and top coat while broadcasting the aggregate. It is recommended to use UV INHIBITORS, a urethane finish, or substitute the top coat for a polyaspartic to provide UV resistance and improve long term aesthetics.

QUARTZ SYSTEM



DECORATIVE COATING LINE (CONTINUED)

THE ONYX QUARTZ SYSTEM SHOULD BE INSTALLED IN ONE OF THE FOLLOWING WAYS:

1. EPOXY HIGH CLEAR UV at 100 SF p/g through squeegee/rolling and broadcasting ½ lb. per SF of aggregate to achieve 50 mils. Repeat this step as a double broadcast to achieve 100 mils. For the top coat, either (a) apply EPOXY HIGH CLEAR at 80-100 SF p/g, then apply 2K WB CRU polyurethane finish coat at 400 SF p/g, or (b) apply one of the Polyaspartics as the top coat at 80-100 SF p/g.
2. EPOXY HIGH CLEAR UV at 50 SF p/g through troweling and broadcasting 1 lb. per SF of quartz aggregate to achieve 100 mils, hereby eliminating the step for a second broadcast without jeopardizing thickness. (Note: this is an advanced technique not to be taken lightly.) (Make sure to add a little aggregate while mixing the two components to help trowel, while keeping the mix wet.) For the top coat, either (a) apply EPOXY HIGH CLEAR at 80-100 SF p/g, then apply the 2K WB CRU polyurethane finish coat at 400 SF p/g, or (b) apply one of the Polyaspartics as the top coat at 80-100 SF p/g.
3. Epoxy Prime Base (in one of three speeds) or Epoxy WB Fast 400 SF for a primer coat. Then apply one of the Polyaspartics at 100 SF p/g through squeegee/rolling and broadcasting ½ lb. per SF of aggregate to achieve 50 mils. Repeat this step as a double broadcast to achieve 100 mils. For the top coat, apply one of the Polyaspartics at 80-100 SF p/g.

GENERAL NOTES

› Each of the products come in slow and fast versions. Be mindful of the total SF of the project if using fast cure products.

› The ONYX Quartz System should be a minimum of 100 mils thick. 50 mil systems are not recommended as it may not provide enough hide, as may be shown through an onsite mockup.

› For a 100 mil thick floor, the base coat should be 100 SF p/g (two broadcasts) or 50 SF p/g (single broadcast). To achieve 1/8" (125 mils), the base coat should be 80 SF p/g (two broadcasts) or 40 SF p/g (single broadcast).

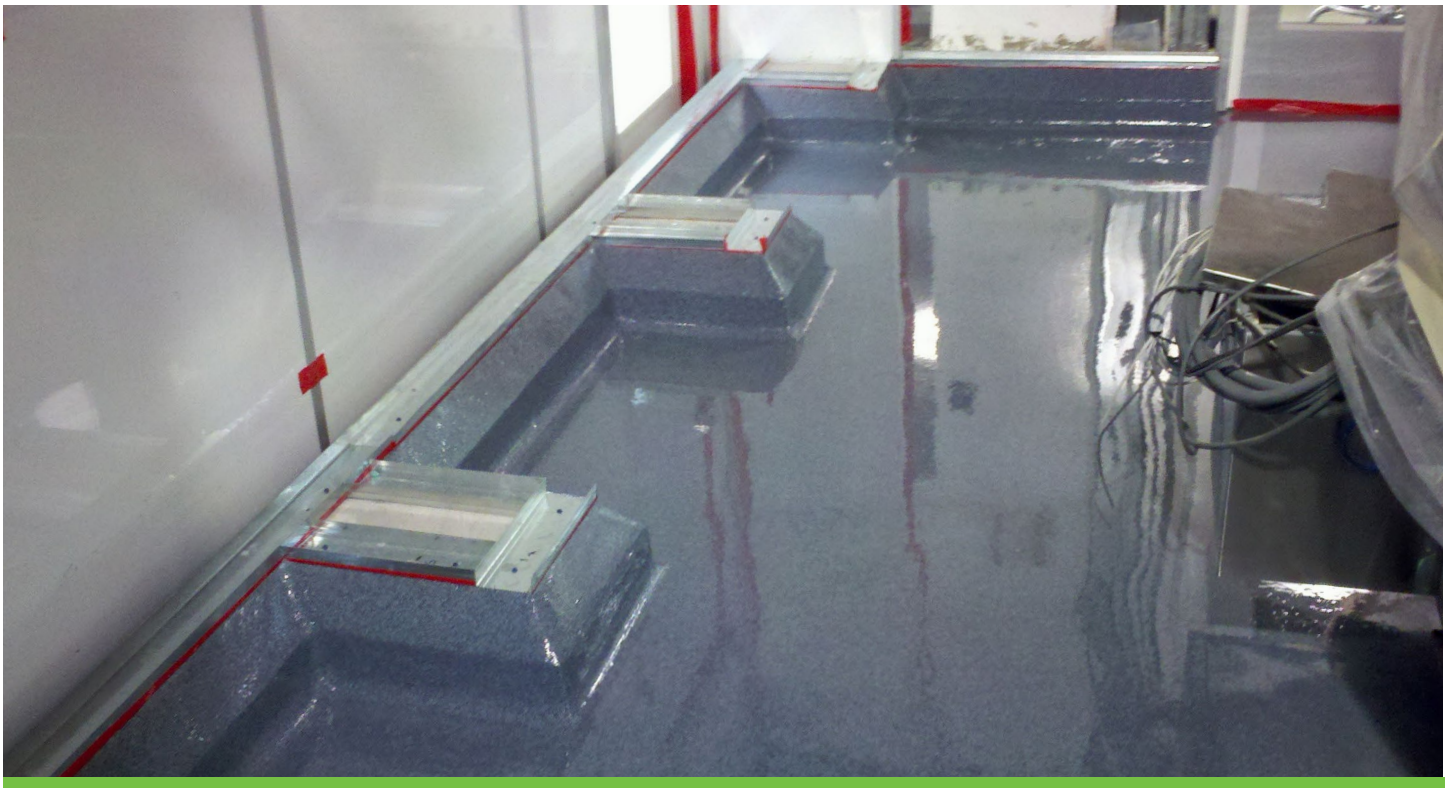
› A double broadcast does better at hiding imperfections (e.g., cracks and spalls) over damaged concrete by creating a more flat and even surface.

› Apply the top coat at 100 SF p/g for a textured surface, and 80 SF p/g for smooth.

› For exterior projects, select option (3) for better UV resistance.

› All coverage rates are nominal as concrete conditions vary (integrity of the substrate, high/low spots, etc.)

QUARTZ SYSTEM CONTINUED



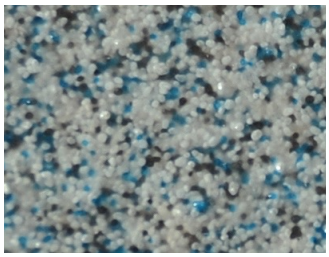
WET ENVIRONMENTS

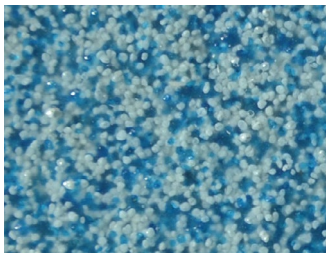
If installing a quartz system in a wet environment (e.g., kitchen), particularly with hot temperatures, the Hybrid System is recommended. (See page 17)

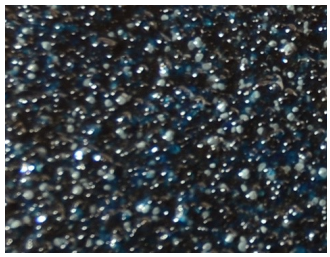
RECOMMENDED AREAS FOR USAGE:

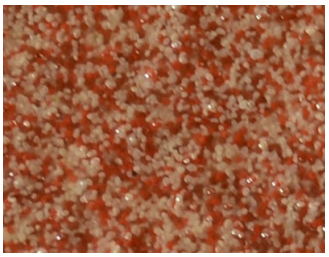
- Pharmaceutical
- Lunchrooms
- Laboratories
- Veterinary Clinics
- Locker Rooms
- Hospitals / Hotels
- Schools
- Kitchens (Hybrid Recommended)
- Restrooms
- Clean Rooms

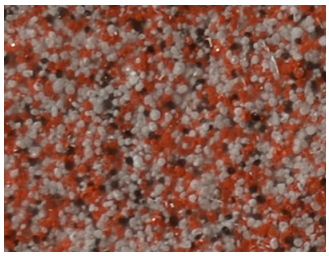
QUARTZ SYSTEM COLOR CHART

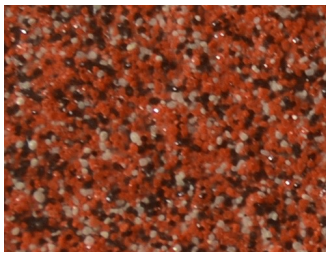

Katuba


Sky Blue

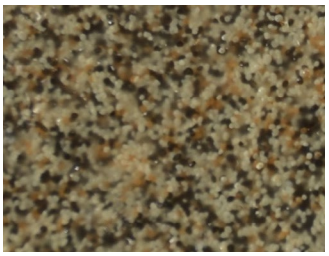

Midnight Blue

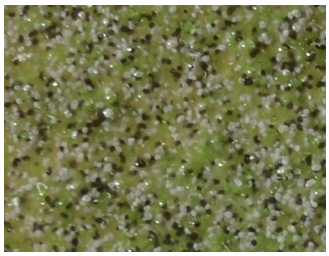

Ginger


Rust

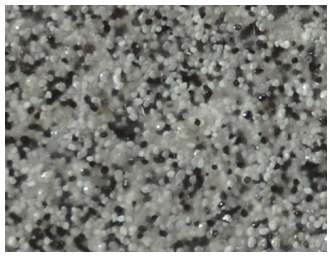

Brick

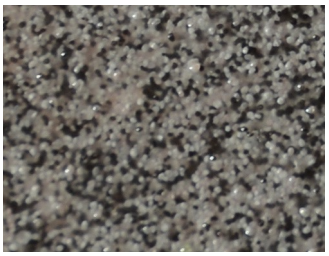

Sandy Beach


Sandstone


Forest


Moonlight


Ash


Granite

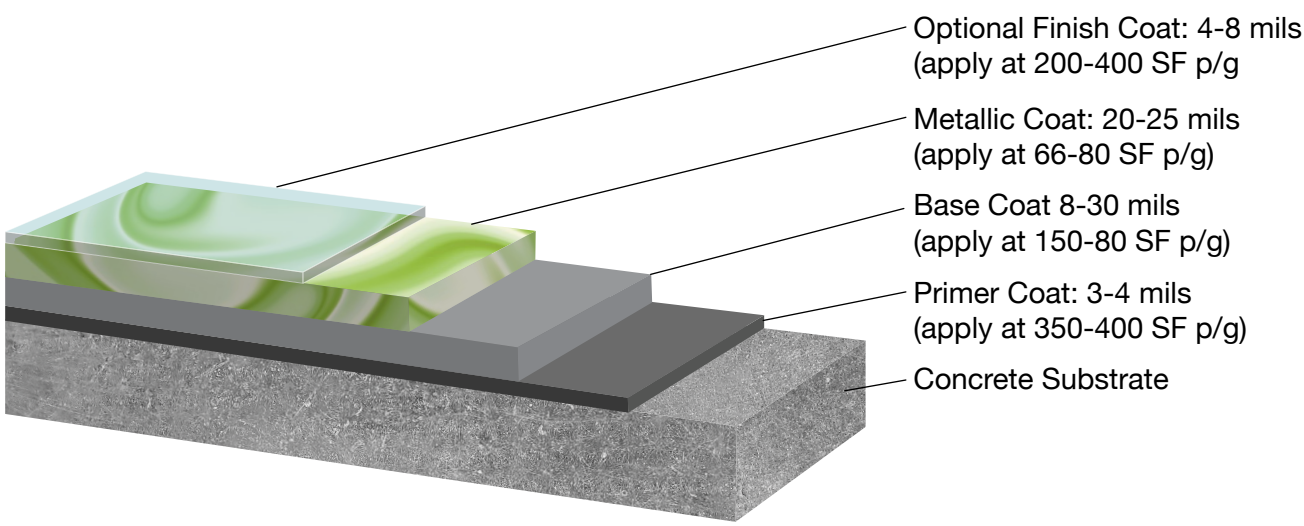
Color selection is only to be used for color approximation. Onsite mockups provide the most accurate results. Colors may come in gloss or matte finish contingent upon the urethane sealer final coat.

METALLICS SYSTEM

When desiring an exotic look that will never go unnoticed, the metallics are an ideal way to go. With an experienced, well-trained applicator, unique looks and wild finishes can transform the dullest room.

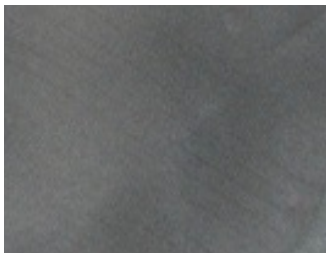
Note: because it is such a colorful, brilliant and variable floor, ONYX strongly recommends the applicator to do a mockup so that they are on the same page with the end user, managing expectations. ONYX recommends the VAPOR REDUCER for Metallic Systems. Apply EPOXY BUILD COAT and EPOXY BUILD COAT FAST for the base coat. Then apply the metallic pigment EPOXY HIGH CLEAR. (It is not recommended to use the fast cure.)
It is recommended to apply the 2K WB CRU in Gloss or Matte to help preserve the long term aesthetics.

METALLICS SYSTEM



METALLICS SYSTEM COLOR CHART


Dolphin


Manatee


Curacao

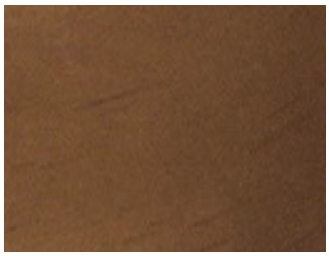

Emerald

Pearl

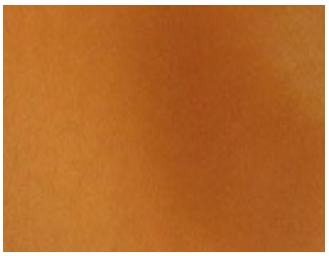

Caribbean

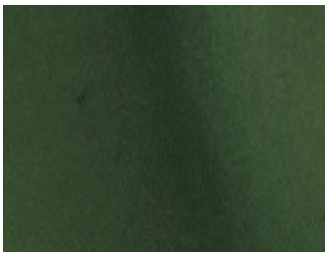

Ocean


Americana


Sandal


Sandbar


Lager


Kona

RECOMMENDED AREAS FOR USAGE

- › Showrooms
- › Offices / Lobbies
- › Retail
- › Dining Areas

Color selection is only to be used for color approximation. Onsite mockups provide the most accurate results. Colors may come in gloss or matte finish contingent upon the urethane sealer final coat.

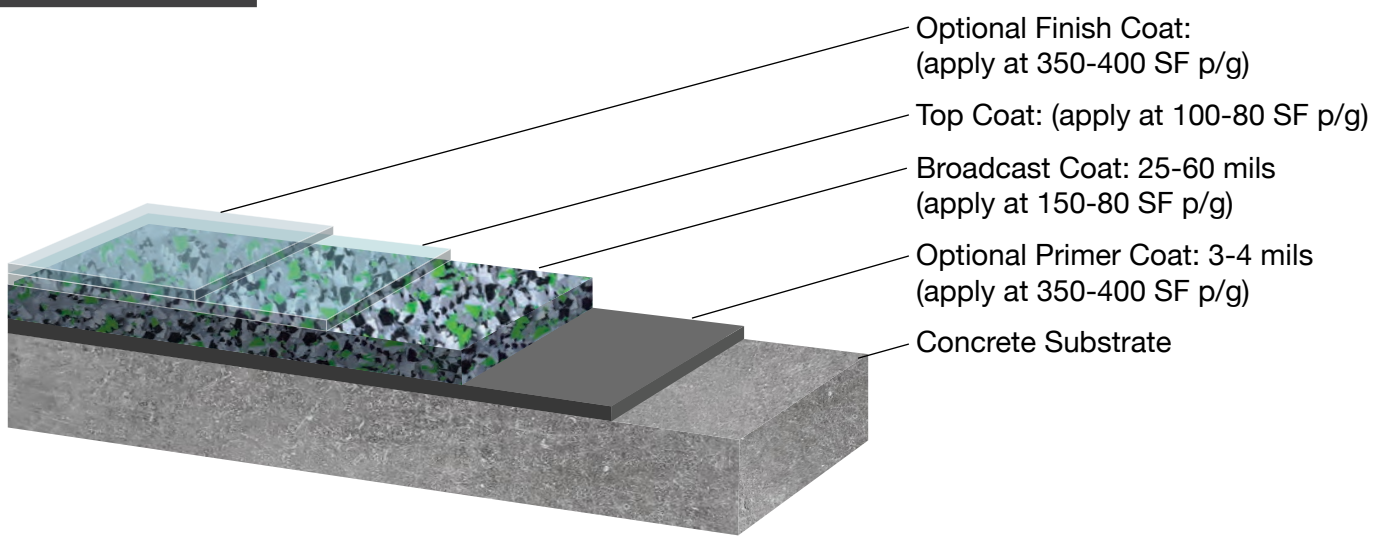
CHIP SYSTEMS

Chip Systems are applied at a minimum of 20-25 mils thick, making them more durable than most Epoxy Thin Mil Systems. However, they can be installed thicker, thereby increasing overall durability. When installing the floor, broadcast the chips into a pigmented EPOXY BUILD COAT or EPOXY PRIME BASE (both products come in fast versions). From there, the applicator can either apply EPOXY HIGH CLEAR with the 2K WB CRU as a finish coat, or apply a polyaspartic as a single top coat.

RECOMMENDED AREAS FOR USAGE:

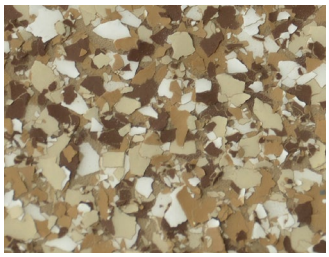
- › Pharmaceutical
- › Lunchrooms
- › Laboratories
- › Veterinary Clinics
- › Locker Rooms
- › Hospitals / Hotels
- › Schools
- › Garages

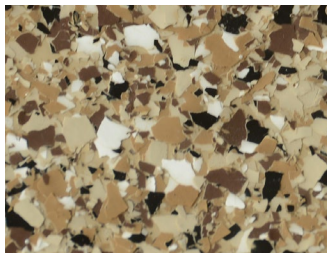
CHIP SYSTEM



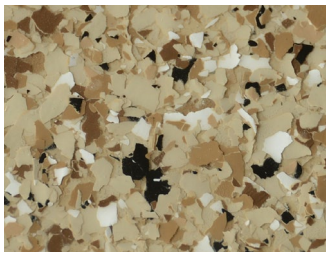
CHIP SYSTEM COLOR CHART


Mocha


Nutmeg


Outback

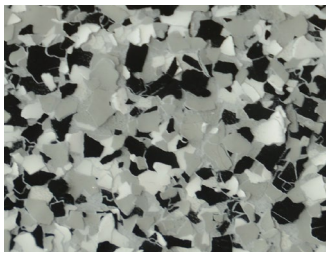

Saddle Tan


Espresso


Desert Tan


Cappuccino


Almond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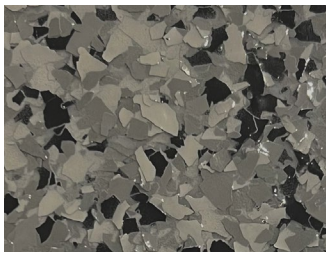
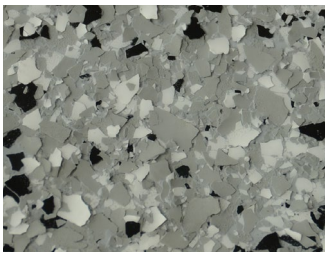
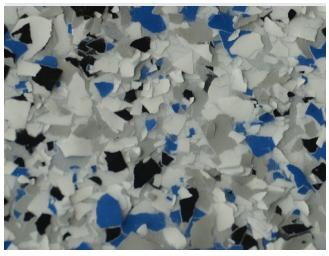

Smoke


Shadow


Morning Fog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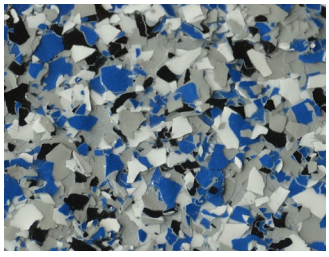
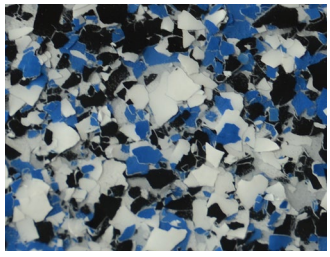

Oceanside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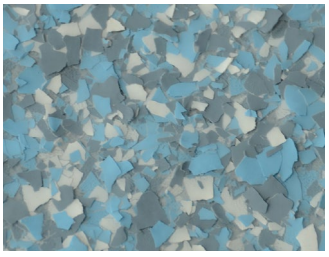
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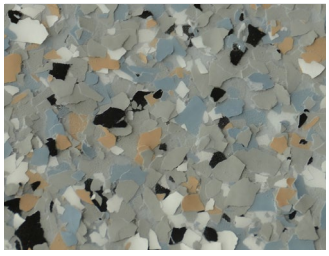
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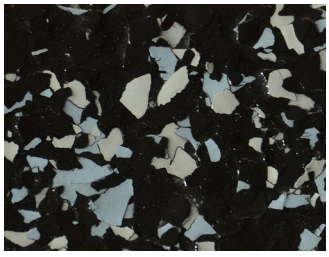
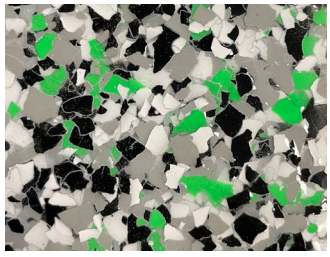
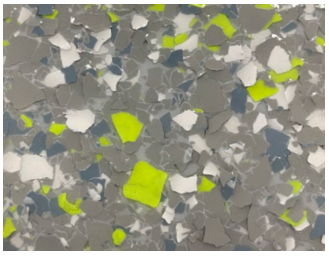

Indigo


ONYX Signature


Splash

Color selection is only to be used for color approximation. Onsite mockups provide the most accurate results. Colors may come in gloss or matte finish contingent upon the urethane sealer final coat. The colors Splash and ONYX Signature blend are intended for interior use only.

GARAGE FLOOR SYSTEM

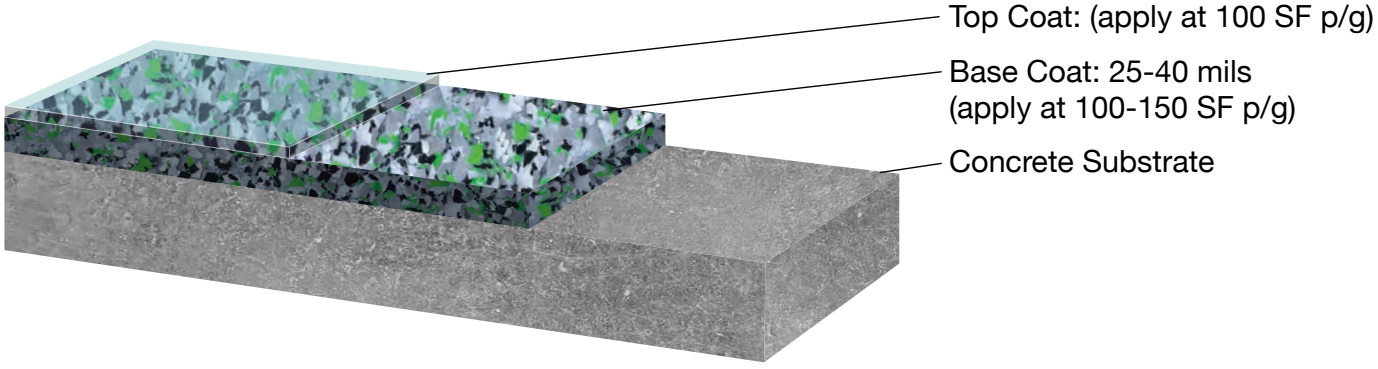
ONE DAY SYSTEM

The One Day System is a popular, convenient, and affordable floor coating. Grind the concrete early morning, apply the base coat late morning using one of the fast versions of the EPOXY PRIME BASE, to broadcast the chips into and then the top coat in the afternoon with the POLYASPARTIC 88 top coat.

AVAILABILITY IN THREE SPEEDS

The chips are broadcasted into a base coat that's available in three different speeds. EPOXY PRIME BASE cures in eight hours. EPOXY PRIME BASE FAST cures in four hours. EPOXY PRIME BASE FAST PLUS cures in two hours. (This is based on 70-75 degree temperature.) During summer and winter months, the cures will change accordingly. The ACCELERATOR can also be purchased separately and used to mix into the resin system on the jobsite. (This is a helpful option for those who wish to speed up the cure time on stem walls). In addition to the epoxies, ONYX also provides a CEMENTITIOUS PATCH which also has a quick turnaround time.

GARAGE FLOOR SYSTEM



OTHER RECOMMENDED SYSTEMS

Though chips are most commonly used on garage floors, ONYX provides many other systems.

› Build System (50 mils to 1/4")
› Thin Mil System (16 to 30 mils)
› EPOXY HV System (20 to 40 mils)
› Quartz System (100 mils to 1/4")
› Chip System (25 mils to 1/4")
› Metallics System (20-40 mils)
› ADD 2K WB CRU for UV resistance
› The 2K WB CRU comes in Gloss or Matte

INCREASING THE LIFESPAN

To increase the lifespan of the floor coating, simply install the base coat with more mil thickness. Though many apply the base coat at 150 SF p/g to achieve a 25 mil thick floor, applying the base coat at 100 SF p/g will help achieve a floor closer to 40 mils, thereby extending the longevity. Given the cost difference is minimal ONYX recommends that all their installers provide this as an alternative option for homeowners. As the years go by, the thicker floors will always look and perform better.

GARAGE FLOOR SYSTEM CONTINUED

BENEFITS OF GARAGE FLOOR COATINGS

Having a quality epoxy floor in the garage brings that extra pride to the home.

› Increases Home Value
› Enhances Appearance
› Easy to Clean
› Prevents Oil/Fluid Penetration
› Protects Concrete
› Creates Living Spaces

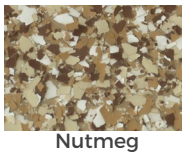
TRANSFORM YOUR OLD GARAGE FLOOR INTO A BEAUTIFUL NEW LIVING SPACE

› Car Service
› Man Cave
› Fitness Area
› Pool Table
› Arts/Crafts
› Music/Rehearsal
› Sports
› Endless Possibilities

RESIDENTIAL LINE (CONTINUED)

CHIP SYSTEM COLOR CHART


Mocha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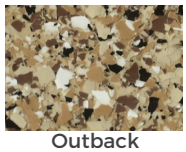
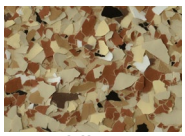
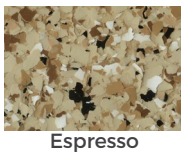

Outback

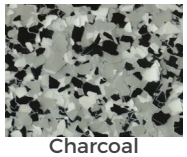

Saddle Tan

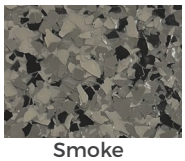

Espresso


Desert Tan

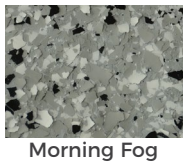

Cappuccino

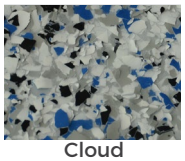

Almond


Charcoal


Smoke


Shadow


Morning Fog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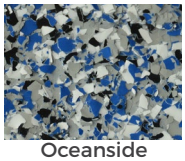
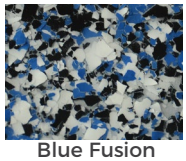

Oceanside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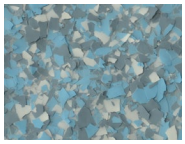
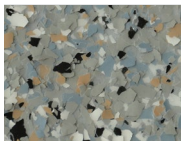

Glacier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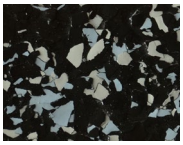
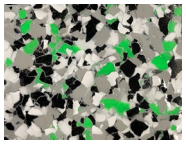
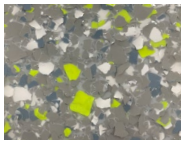

Indigo


ONYX Signature


Splash

The colors Splash and ONYX Signature blend are intended for interior use only.

SEE PAGE 25 FOR LARGER COLOR CHART

SOLID EPOXY COLOR CHART

Black	White	Tile Red
Safety Red	Night Grey	Dark Grey
Medium Grey	Light Grey	Light Brown
Dark Beige	Sand Beige	Light Beige
Dark Blue	Pastel Blue	Dark Green
Safety Yellow		

To enhance the appearance, apply a finish coat of 2K WB CRU in either Gloss or Matte.

SEE PAGE 7 FOR LARGER COLOR CHART

WHAT PEOPLE ARE SAYING

"I absolutely love my ONYX garage floor coating. I feel like we added an extra room to our house. Friends and neighbors are always commenting how beautiful it looks."

– Whitney Norrbom
(Wife, and Mother of three beautiful children)

RESURFACING LINE

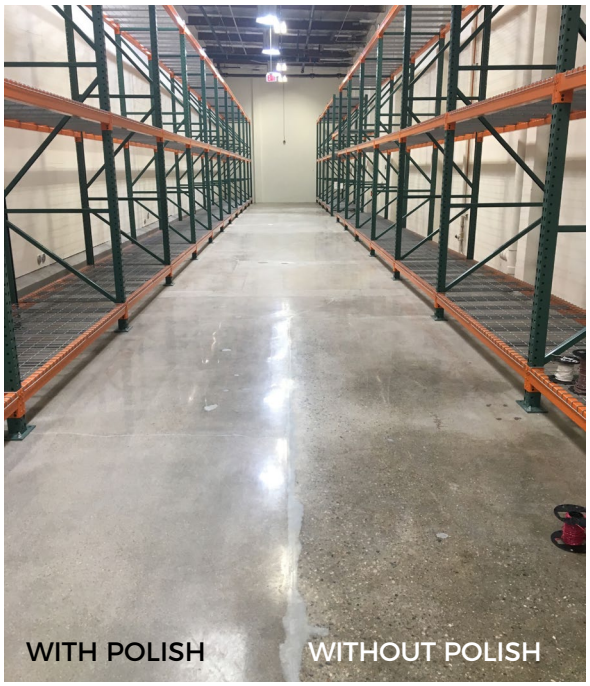
Concrete has many reasons for resurfacing. Regardless if it is old concrete in need of extensive patching/repair, or a freshly poured slab that needs to be sealed or polished, ONYX has solutions.

- Patch kits for cracks, holes, divots
- Joint filler
- Sealers (scrubbing, grinding, polishing)

RESURFACING LINE (CONTINUED)

POLISH SYSTEM

Polishing concrete has become popular over the years. Whether a 100 level or 3,000 level system, ONYX offers both the LITHIUM DENSIFIER and the LITHIUM GUARD sealer. Unlike epoxy/urethane coatings, concrete polishing is not a nonporous surface, but will certainly seal the concrete, creating a sharper look.



JOINT FILLER IS AVAILABLE IN SIX COLORS

White

Medium Grey

Charcoal

Brick Red

Black

Safety Yellow

JOINT FILL SYSTEM

The polyurea JOINT FILLER is strong enough to endure abuse, while flexible enough to handle movement. Honoring the joints will help prevent future cracking from occurring throughout the slab.

SCRUB/SEAL SYSTEM

ONYX GUARD is a single component, lithium-based sealer applied after mechanically scrubbing the concrete. Apply multiple coats avnd burnish with 800 and/or 1500 grit pads to harden the sealer for a better sheen and lifespan.

PATCH SYSTEMS

ONYX carries multiple concrete patch options to fill cracks, spalls, and divots. Often these patches are covered up with a pigmented coating or a clear sealer. Sometimes they are left alone.

POLYMER PATCH

Polymer Patch is a two-component polyurea. It is often used for its user friendliness. It works especially well for concrete polishing involving vehicle traffic too heavy for a cementitious product. Its low viscosity allows the resin to sink deep into the cracks.

EPOXY PATCH

ONYX epoxies are great for coating over with another system. For smaller cracks, holes, and divots, use EPOXY PATCH KIT mixing in fumed silica to create a paste texture. For larger spalling or deteriorated concrete, mix aggregate with EPOXY GROUT, EPOXY GROUT FAST, or EPOXY BLOCK FILL (see Grouting Systems, page 9). ONYX recommends grinding the patches flush once they're cured.

CEMENTITIOUS PATCH

ONYX carries a fast cure cementitious patch product to be used as a feather finish. This can be a cost-effective solution on a number of projects. It provides the look of natural concrete and cures quickly.

White | Medium Grey | Charcoal

Brick Red | Black | Safety Yellow

POLYMER PATCH IS AVAILABLE IN SIX COLORS

2K GRIND & SEAL SYSTEM

The ONYX 2K Grind & Seal System is one of the best value-based systems on the market. It provides a cost-effective way to enhance the appearance of exposed concrete with a nonporous sealer. Once the concrete has been ground to a 30/40 level and patched, apply the 2K WB CRU waterbased urethane as the primer. If using EPOXY PRIME BASE or EPOXY PRIME BASE FAST, add UV inhibitors. Do not expose the epoxy to direct sunlight. Do not use PRIME BASE FAST PLUS.) After applying the primer, apply the 2K CRU WB as the top coat. The product comes in either a Gloss or Matte finish, providing the end user with aesthetic options. A fine aggregate such as aluminum oxide (80-120 grit) can also be used to achieve a slip-resistant finish. It is recommended to always do an onsite mockup of this product prior to the start of the project. Since the system is clear, the finished appearance will vary slab to slab. Note: if applying over a cementitious topping/overlayment, use the EPOXY PRIME BASE or EPOXY PRIME BASE FAST as your primer.

BENEFITS

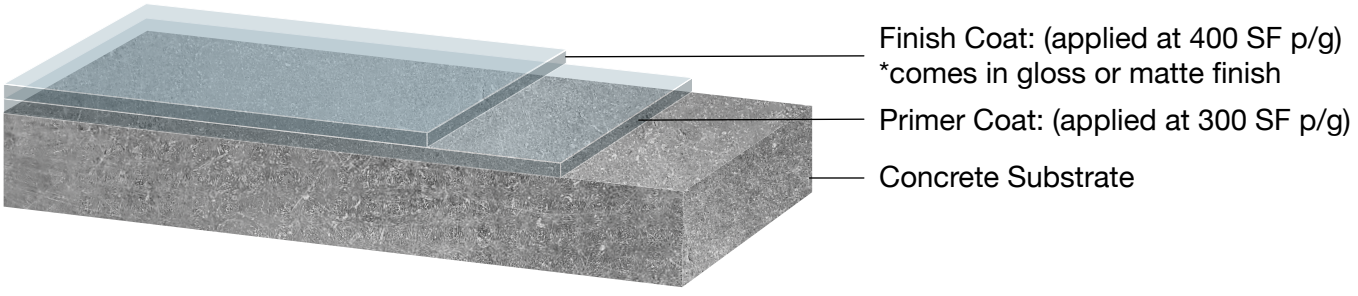
The 2K Grind & Seal yields some benefits over concrete polishing or traditional scrub and seals.

› Nonporous protection
› Nonporous ease of cleaning
› Option for slip-resistant aggregate
› Less labor/logistics than polishing
› Better stain resistance

RECOMMENDED AREAS FOR USAGE:

› Entertainment (arenas, stadiums, theatres)
› Restaurant Dining Areas / Lobbies
› Warehouses / Distribution
› Manufacturing Plants
› Retail / Grocery Stores / Malls
› Automotive / Aviation Facilities

2K GRIND & SEAL SYSTEM



AUXILIARY

ACCELERATORS

Construction often comes down to speed and quick turnaround. The EPOXY ACCELERATOR expedites cure times. It is particular helpful for one-day garage systems. WARNING: the accelerator should not be used as a final top coat as it is prone to discoloration.

UV INHIBITORS

The urethanes / polyaspartics are recommended for UV resistance. Even with UV inhibitors, epoxies (especially clear) should never be used outside as they quickly discolor. However, they can achieve better UV resistance in interior buildings by adding UV inhibitors into the top coat.

SUNDRIES

APPLICATION SUPPLIES

› Roller Cover – 18"
› Roller Cover – 9"
› Roller Covers – 4"
› Weenie Cover

› Roller Frames – 18"
› Roller Frames – 9"
› Roller Frames – 4"
› Weenie Frames

› Standard Squeegees
› Magic Trowel Squeegees
› Notched Squeegees

› Chip Brushes – 1"
› Chip Brushes – 2"
› Chip Brushes – 3"

› Quartz Measuring Bucket – 5 quart
› Quart Measuring Bucket – 2.5 quart
› Quart Measuring Bucket – 1 quart
› Buckets – 5 gallons
› Buckets – 3.5 gallons

› Blue Duct Tape
› Painters Tape
› Gloves
› Rags
› Acetone
› Denatured Alcohol

› Cove Trowel
› Spiked Roller
› 18" Gauge Rake
› Spiked Shoes – (short spikes)
› Spiked Shoes – (long spikes)
› Moisture (Calcium Chloride) Tests
› Dual Caulk Gun
› Static Mixers
› Ketchup Bottle and Tip
› Cove Strip
› Trash Bag Rolls
› LongoPak
› Knee Pads

FLOOR SURFACE PADS/DISCS

› Scrubber Pads – white
› Scrubber Pads – green
› Scrubber Pads – red

› Sanding Disc – 60 grit
› Sanding Disc – 80 grit
› Sanding Disc – 100 grit
› Sanding Disc – 120 grit
› Sanding Disc – 150 grit
› Sanding Disc – 220 grit

DIAMOND CUP WHEELS

› 5" PCD Cup Wheel (blue / 4 segments 7/8 – 5/8)
› 7" PCD Cup Wheel Supreme (6 segments quarter round)
› 4.5" Spiral Cup Wheel (medium bond – premium / 9 segments 7/8 arbor)
› 4.5" Spiral Cup Wheel (medium bond – standard / 18 segments 7/8 arbor)
› 7" Spiral Cup Wheel (medium bond – standard / 12 segment 7/8 arbor)
› 4.5" Arrow Cup Wheel (7/8 arbor)
› 7" Arrow Cup Wheel (medium bond – premium / 7/8 arbor)

PATCH THICKENERS

› Fumed Silica – 22 lb bag
› Fumed Silica – 5 gallon pail

AGGREGATES

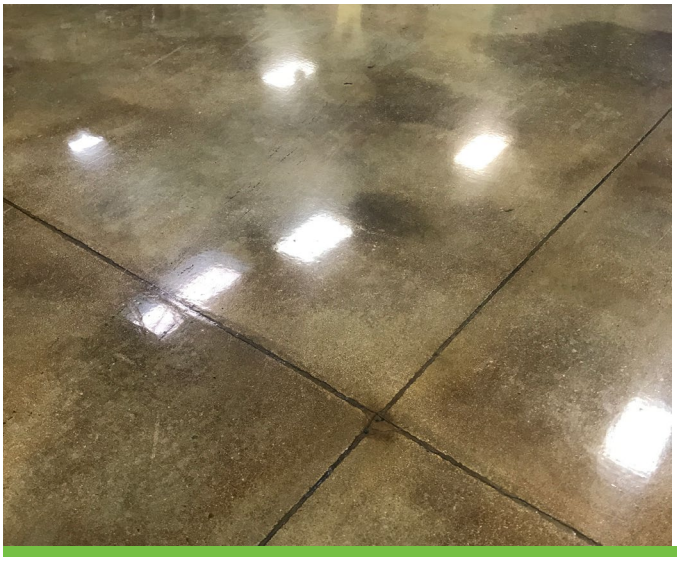
› Aluminum Oxide – 24 grit
› Aluminum Oxide – 36 grit
› Aluminum Oxide – 60 grit
› Aluminum Oxide – 80 grit
› Aluminum Oxide – 100 grit
› Aluminum Oxide – 120 grit
› Aluminum Oxide – 220 grit

› Silica Sand 50 lb bag – 20 grit
› Silica Sand 50 lb bag – 30 grit
› Silica Sand 50 lb bag – 60 grit
› Silica Sand 100 lb bag - 38 grit (similar to flint shot)

PRODUCT REFERENCE LIST

PRODUCTS LISTED ALPHABETICALLY

1. 2K CRU WB
2. EPOXY ACCELERATOR
3. EPOXY BLOCK FILL
4. EPOXY BUILD COAT
5. EPOXY BUILD COAT FAST
6. EPOXY FLEX
7. EPOXY GROUT
8. EPOXY GROUT FAST
9. EPOXY HIGH CLEAR
10. EPOXY HIGH CLEAR FAST
11. EPOXY HV
12. EPOXY PATCH KIT
13. EPOXY PRIME BASE
14. EPOXY PRIME BASE FAST
15. EPOXY PRIME BASE FAST PLUS
16. EPOXY TOP COAT
17. EPOXY TOP COAT FAST
18. EPOXY WB FAST
19. ISOTHANE CRU
20. JOINT FILLER
21. LITHIUM DENSIFIER
22. LITHIUM GUARD
23. NOVOLAC COAT
24. ONYX CRETE SL
25. ONYX CRETE TC
26. POLYASPARTIC 80
27. POLYASPARTIC 88
28. POLYASPARTIC 100 FAST
29. POLYASPARTIC 100 SLOW
30. POLYMER PATCH
31. VAPOR REDUCER



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