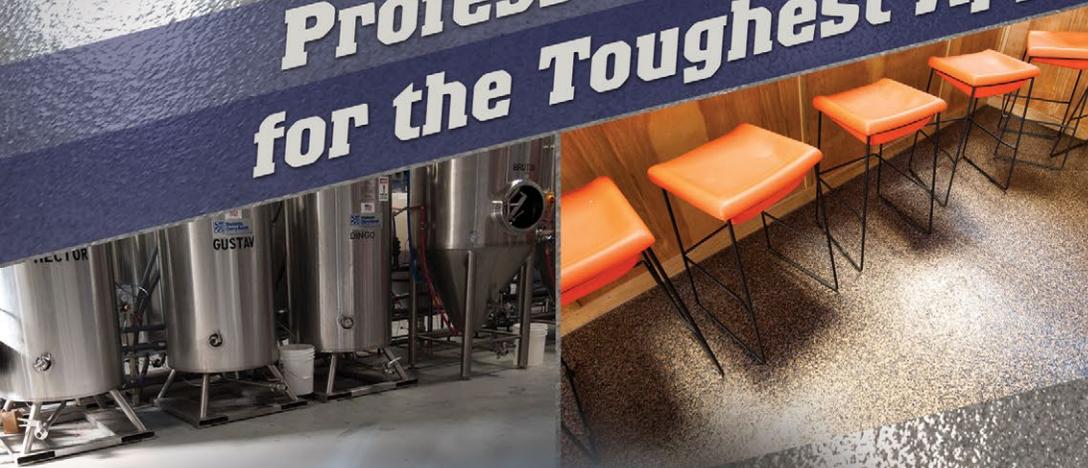




WearCOAT[®] SYSTEMS FLOORS

Professional Floor Coatings
for the Toughest Applications



*"My project is a challenge.
Will this really work?"*

**"WearCOAT
Floors Fix What
Others Can't."**



**COATINGS FOR
INDUSTRY, INC.**

CFI Floor Coatings are born from proven formulations tested over time. When specified and professionally applied, they have repeatedly proven to offer years of service across a full spectrum of applications, even in the most challenging environments.

The Coatings For Industry story is as compelling as it is unique. Born decades ago out of a need for better coatings for turbine engines, CFI now serves coatings professionals with unparalleled products, patents, and successes across markets ranging from jet aircraft to dirigibles, steel structures, and floors for factories, veterinary clinics, and showrooms.

Each day, a committed, talented team at CFI strives to make every delivery on-time with consistently perfect, industry-leading products designed to work in demanding environments. In fact, CFI is audited annually to maintain an ISO 9001 certificate for its quality management system.

Born out of decades of determination, count on WearCOAT® Flooring Products to solve just about any problem – any job, any need, with return to service on-time.

50 YEARS of Coatings Experience Brought to Your Flooring Project



Extremely thin, smooth Aseal® coatings from CFI are used both on the fan blades and in hot sections of turbine engines, one of only two companies globally that provide such coatings. They withstand abrasion from debris and extreme temperatures, and are specified by Rolls Royce, Pratt & Whitney, GE and others for use in both flight and power generation turbines.



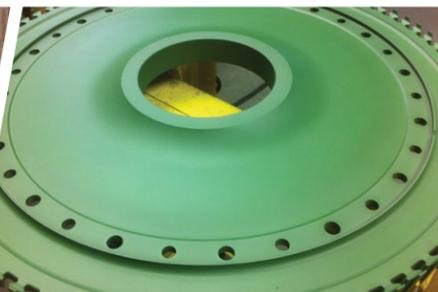
Long-lasting CFI coatings systems for steel structures demonstrated on this Pittsburgh bridge less than 2% failure after 20 years in service.



Proven floor coatings from CFI work in virtually all environments, including hangar floors, where tools drop and corrosive fluids leak, and yet owners expect a brilliant, long-lasting surface.



Anti-graffiti coating systems from CFI provide lasting color, yet may be repeatedly pressure-washed with solvents without damage to the topcoat.



CFI offers special application coatings across several industries to mitigate the effects of heat, chemicals, abrasion, and corrosion.



CASE STUDY

The Challenged Fire Station Floor

It was in a busy firehouse in the northeast U.S. where equipment rolls on short notice, and returns wet, hot and heavy. The first contractor to tackle this flooring job appeared to have made some decisions to shorten the work, or maybe he tried to meet a low-cost target. So over top of old concrete which later proved to be poorly prepared, an epoxy coating without a name was applied. Within weeks, those hot fire truck tires not only badly marked the surface, but when they rolled, the big tires pulled the coating right off the old concrete.

A CFI customer, an experienced contractor, was called in. Working the CFI, these professionals recommended a solution. The process to fix the job included fully grinding off all previous coatings. To no one's surprise, the re-do was more costly, but ultimately proved the right thing to do.

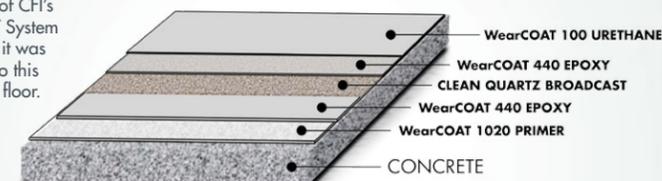
Following surface grinding, a penetrating prime coat of WearCOAT 1020 was applied @5 mils. After drying, Silver Gray WearCOAT 440 was applied @15 mils. While wet, 40/60 mesh silica sand was broadcast to refusal. After cure, the excess sand was removed, then a mid-coat of Silver Gray WearCOAT 440 was applied @12 mils. The topcoat followed: the highly wear and chemical resistant WearCOAT 100 in Silver Gray @6 mils.

The result: no tire marks, no failed adhesion, and spills clean up effortlessly. And a "thank you" letter came from the fire house.

"We needed this floor turned around, finished on time, and without issue. It was done right, and we're ready to roll."

Kent R.
Firehouse Facility Manager

The layers of CFI's WearCOAT System SBP-5, as it was applied to this firehouse floor.



Making the Right Floor



Creating the perfect floor is a big decision, one you can approach with confidence when you choose a WearCOAT® System to meet your needs.

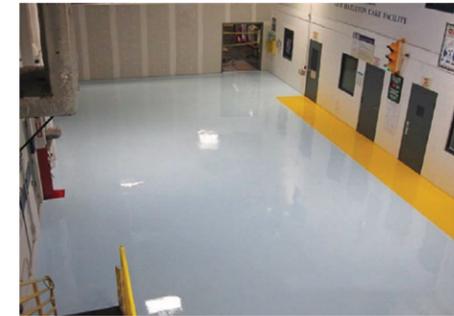
Applying the System correctly – with the right set of products and the right timing – makes all the difference. From surface prep to the application of the finish coat, properly applied WearCOAT Systems deliver unparalleled performance for the long term.

Consistently, WearCOAT Systems fix issues even where others can't.



WearCOAT® SYSTEMS

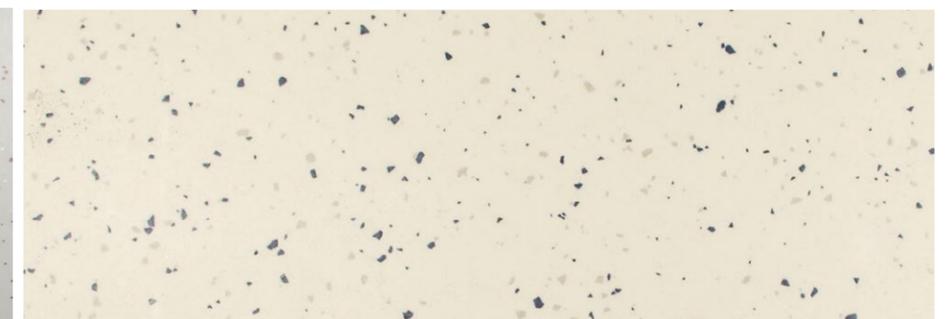
Thin Film



Provides basic protection of concrete floors in areas not subject to heavy traffic or high impact environments. With light to moderate people and/or push-cart traffic, these coatings offer many color combinations, striping and excellent durability. Film thickness ranges from 8 mils to 20 mils.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Gloss	Satin
TF-1	8						X	
TF-2	15	X					X	
TF-3	10	X		X		X	X	
TF-4	10		X		X	X	X	X
TF-5	20	X			X		X	
TF-6	20		X	X	X		X	X

MicroTech Flake Broadcast



Offers aesthetically pleasing seamless finish best suited for office, retail, commercial and institutional settings. The small speckle flakes deliver a clean, almost Euro look that is typically applied with satin finish, though gloss is available in some systems where desired.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Gloss	Satin
MTF-1	20	X						X
MTF-2	25	X					X	
MTF-3	25			X	X		X	X
MTF-4	15	X	X			X		X
MTF-5	20	X	X	X		X	X	
MTF-6	20		X	X	X		X	X



WearCOAT® SYSTEMS

Sand Broadcast Pigmented



Highly desirable for protecting concrete in potentially high-impact environments, especially where there is heavy wheeled traffic, or where blunt objects may drop. The combination of sand and coating helps protect the concrete below as impact forces spread laterally through the coating system. In addition to the protection, the sand broadcast also provides a slip-resistant textured surface. Ideal for high tow-motor traffic, heavy vehicular traffic like trucks or aircraft, and service-type areas where tools are used.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
SBP-1	60	X						X	
SBP-2	60	X	X	X		X		X	
SBP-3	60		X	X	X		X	X	X
SBP-4	65	X			X			X	
SBP-5*	65		X	X	X		X	X	X

* SBP-5 offers a smoother, more attractive, architectural finish with slightly less non-slip.

DBL-Sand Broadcast



Designed for environments where the longest-lasting concrete protection is needed. For extra-high-impact service such as where heavy trucks, heavy aircraft and other industrial motor equipment are active. This system is ideal for high-volume auto dealership service areas. Double sand protection spreads impact forces laterally through the coating system. Offers the same textured slip-resistant surface as SBP.

System	Inches	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
DSB-1	1/8"	X						X	
DSB-2	1/8"	X	X	X		X		X	
DSB-3	1/8"		X	X	X		X	X	X
DSB-4	1/8"	X			X			X	
DSB-5*	1/8"		X	X	X		X	X	X

* DSB-5 offers a smoother, more attractive, architectural finish with slightly less non-slip.

WearCOAT® SYSTEMS

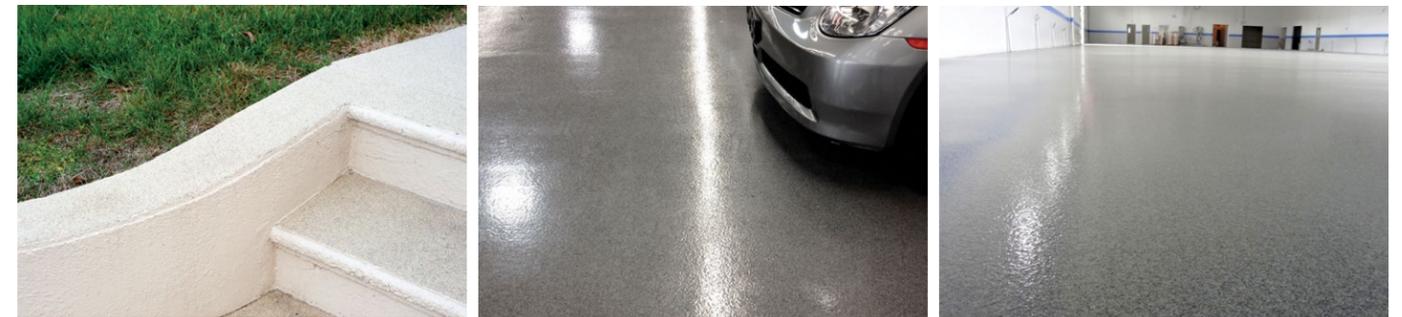
Flake Broadcast



Through many available combinations of flake colors and sizes, this highly popular surface offers endless design possibilities. Varied appearance hides many flooring imperfections. Due to the nature of the flake being broadcast, a moderately slip-resistant surface is typical. The flake is ordered separately per your specification.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
FB-1	50	X						X	
FB-2	50	X	X	X		X		X	
FB-3	50		X	X	X		X	X	X
FB-4	50		X	X	X	X	X	X	X

DBL-Quartz Broadcast



Designed for environments where the longest-lasting concrete protection is needed. Many color options are available in the broadcast aggregate for unique designs in extra-high-impact environments where heavy trucks, heavy aircraft and other industrial motor equipment are active. Same double protection for impact forces as in the DSB System where the impact is spread laterally through the coating protecting the concrete below. Offers the same textured slip-resistant surface as SBP.

System	Inches	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
DQB-1	1/8"	X						X	
DQB-2	1/8"	X	X	X		X		X	
DQB-3	1/8"		X	X	X		X	X	X
DQB-4*	1/8"		X	X	X		X	X	X

* DQB-4 offers a smoother, more attractive, architectural finish with slightly less non-slip.



WearCOAT® SYSTEMS

Metallic Pigmented



Offers a unique, variegated/marbled appearance with an exciting metallic luster. Proper application yields a highly attractive floor, even over concrete that is not in optimum condition. Excellent alternative for concrete floors unable to evenly accept stain or polishing.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
MP-1	25	X	X					X	
MP-2	25	X	X	X		X		X	
MP-3	30		X	X	X		X	X	X
MP-4	30		X	X	X	X	X	X	X

Safety Grip



Specifically formulated for anti-slip properties utilizing aluminum oxide filler with varying levels of high-build, non-slip product; all provide extraordinary wear resistance. Multiple grades of filler and resins combine to provide varying levels from barefoot use to SG-4 used on aircraft carrier flight decks.

System	Inches	Low Odor	Barefoot	UV Resistance	Abrasion Resistance	Chemical Resistance	COF
SG-LP-1	BR*	X	X	X	X		.78
SG-1	BR*				X		1.17
SG-3	BR*				X	X	1.05
SG-4	BR*	X			X	X	1.17

BR* – Broad range of depth in the coating's peaks and valleys; they can vary considerably. The applicator has significant control over depth and peak-valley height.

WearCOAT® SYSTEMS

Trowel Resurfacer



An epoxy mortar used to repair significantly damaged areas. Usually used on concrete prior to applying a high performance coating system; can also be used for patch repair without over-coating. Can be applied with hand tools, or with power trowels for resurfacing large areas. Assures extreme compressive strength and impact resistance in patched areas.

System	Inches	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Resists Hot Tire Marks	Gloss	Satin
TR-1	1/4"	X						X	
TR-2	1/4"	X	X	X				X	
TR-3	1/4"		X	X	X		X	X	X

Urethane Cement Slurry

Thick urethane self-leveling slurry that is best suited for areas that experience thermal shock, such as facilities utilizing hot water or steam wash-down. Offers extraordinary impact resistance, and is highly resistant to moisture vapor transmission pressure forces from below the slab.

System	Mils	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Gloss	Satin
UCS-1	60	X		X	X	X		X
UCS-2	100	X	X	X		X	X	

Urethane Cement Trowel

Twice as thick as the UCS System and applied via trowel, this system otherwise offers the same properties. Best for highly damaged floors, or where the thicker product is needed to provide slopes toward drains.

System	Inches	Low Odor	UV Resistance	Abrasion Resistance	Chemical Resistance	Quick RTS	Gloss	Satin
UCT-1	3/16"	X		X	X	X		X
UCT-2	1/4"	X	X	X		X	X	



WearCOAT® PRODUCT DESCRIPTIONS

SURFACERS

WearCOAT 705

Self-leveling urethane concrete slurry surfacer. Applied at 1/8" to 3/16" for use in thermal or mechanical shock areas. Resists harsh chemicals and abrasion. Anti-microbial agents help inhibit bacterial growth. Red or grey pigment. Multi-component kits. (VOC Zero)

WearCOAT 710

Trowel-applied urethane concrete mortar surfacer. Applied at 1/4" to 3/8" for use in thermal or mechanical shock areas. Resists harsh chemicals and abrasion. Good for slopes toward drains. Anti-microbial agents. Red or grey pigment. Multi-component kits. (VOC Zero)

WearCOAT 805

Trowel applied, aggregate filled epoxy floor surfacer. Applied at 1/4" for use indoors or out. Highly resistant to impact and wear. Pigmented. Multi-component kits. (VOC Zero)

PRIMERS

WearCOAT 1020

Thin viscosity, low odor, water-based, penetrating epoxy primer. Effective in high humidity; good resistance to acids and alkalis. Quick drying. Two-component kits. (VOC 115 g/l)

WearCOAT 490

Highly surface-tolerant, solvent-based polyamide epoxy primer. Excellent, even for oil-soaked, damp concrete surfaces, or surfaces that cannot be well-prepared. Resists chemicals, including battery acids; designed for harsh environments. Two-component kits. (VOC 100 g/l*)

WearCOAT 1080

100% solids epoxy primer designed to reduce moisture vapor transmission. Highly effective, works with all topcoats. May be applied to "green" concrete 10 days after pour. Two-component kits. (VOC Zero)

SAFETY GRIP FLOORS

WearCOAT SG-LP-1

Water-based, low profile, anti-slip epoxy floor coating. OK to apply in wet areas. For heavy pedestrian and barefoot traffic, including pools, water parks, locker rooms, docks. Pigmented. Two-component kits with pre-mixed aggregate. (VOC 60 g/l)

WearCOAT SG-1

Epoxy ester, anti-slip concrete, or wood or metal deck coating. For areas of heavy pedestrian grade traffic where chemical resistance to gasoline, oils, acids, alkalis are key. Pigmented. Single component with pre-mixed aggregate. (VOC 100 g/l)

WearCOAT SG-3

Aggressive, non-skid epoxy coating. Provides excellent chemical resistance, superior traction for personnel and equipment. Ideal for vehicular traffic areas needing durable, heavy duty anti-slip surface. Pigmented. Two-component kits with pre-mixed aggregate. (VOC 250 g/l)

WearCOAT SG-4

Extreme duty, non-skid epoxy. Designed for military, marine and industrial use, provides highest possible anti-slip. Rapid cure, self-sealing. Superior chemical resistance, even fuels and hydraulic fluids. Pigmented. Two-component kits with pre-mixed aggregate. (VOC Zero)

MID- AND TOP-COATS

WearCOAT 100

Ultra-performance aliphatic polyester-type urethane top coat. Unparalleled finish coat offers long-lasting color-retention, gloss, abrasion, and chemical resistance. Superior resistance to tire staining. Effective over virtually any properly prepared surface. Clear or pigmented. Two-component kits. (VOC 250 g/l*)

WearCOAT 440

100% solids, high build, high gloss epoxy mid or top coat. Works across broad spectrum of indoor applications. Excellent abrasion resistance. Clear or pigmented. Broadcast-ready. Two-component kits. (VOC Zero)

WearCOAT 460

100% solids, high-viscosity, extra high-build epoxy mid or top coat. Formulated for deep self-leveling to help cover substrate imperfections. Pigmented. Broadcast-ready. Two-component kits. (VOC Zero)

WearCOAT 481HP

100% solids, high build, reduced yellowing epoxy top coat. Ideal for indoor decorative floors exposed to window or door sunlight. Clear. Broadcast-ready. Two-component kits. (VOC Zero)

WearCOAT 491

High build, polyamide cured novolac epoxy top coat. Offers excellent abrasion and chemical resistance for demanding applications as in steel mills, paper mills, refineries, battery storage areas. Pigmented. Two-component kits. (VOC 100 g/l*)

WearCOAT 570

High build, high-gloss, 100% solids novolac epoxy top coat. Offers extreme chemical resistance for severe applications such as battery storage, chemical processing, spill containment areas. Broadcast-ready. Pigmented. Two-component kits. (VOC Zero)

WearCOAT 2020

Fast-setting, UV-stable polyaspartic midcoat. Excellent intermediate or broadcast coat where quick return to service and low-odor are key. Proven performer, cure time typically under 1 hour. Broadcast-ready. Clear or pigmented. Two-component kits. (VOC Zero)

WearCOAT 2035

UV-stable, 90% solids, two-component polyaspartic topcoat. 2-4 hour cure virtually eliminates roller overlap marks, yet offers quick return to service. Excellent color stability, abrasion and chemical resistance. Clear or pigmented. Two-component kits. (VOC Zero)

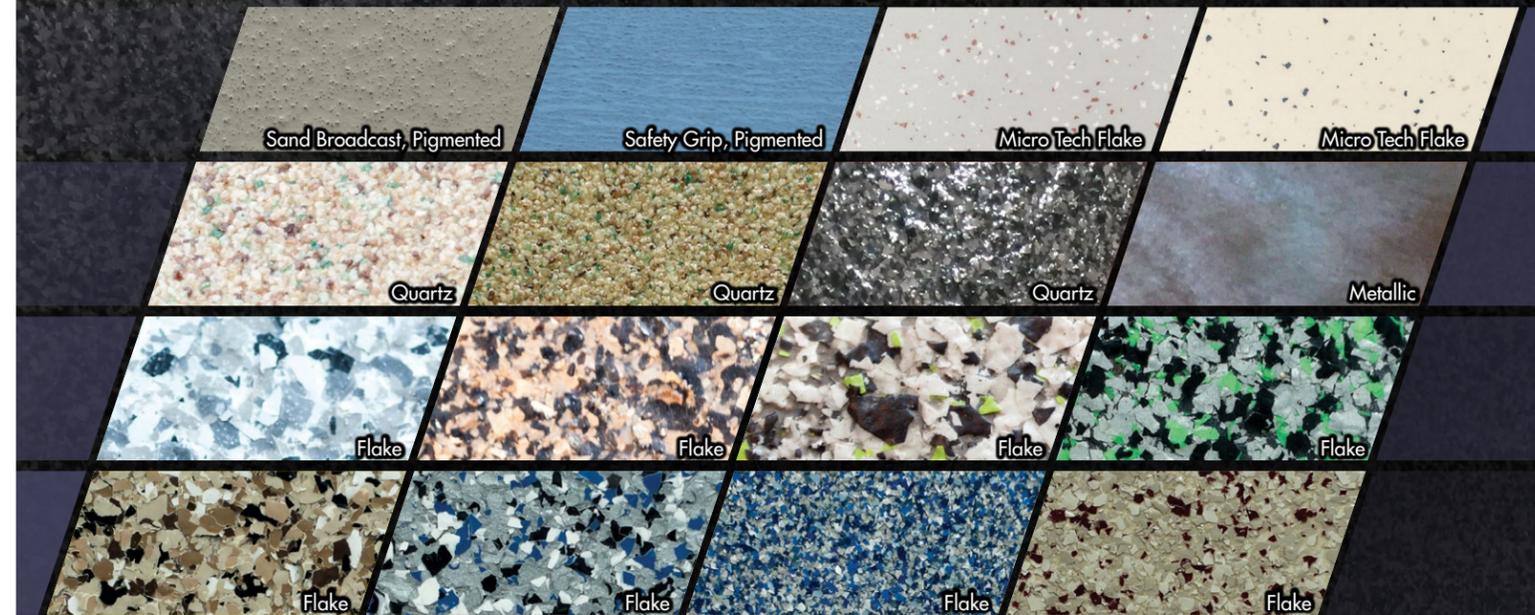
WearCOAT 3015

Water-based, low odor, aliphatic urethane top coat. Use indoors or out; excellent color retention. Good abrasion and chemical resistance. Quick-dry, satin finish. Clear or pigmented. Single component. (VOC 250 g/l)

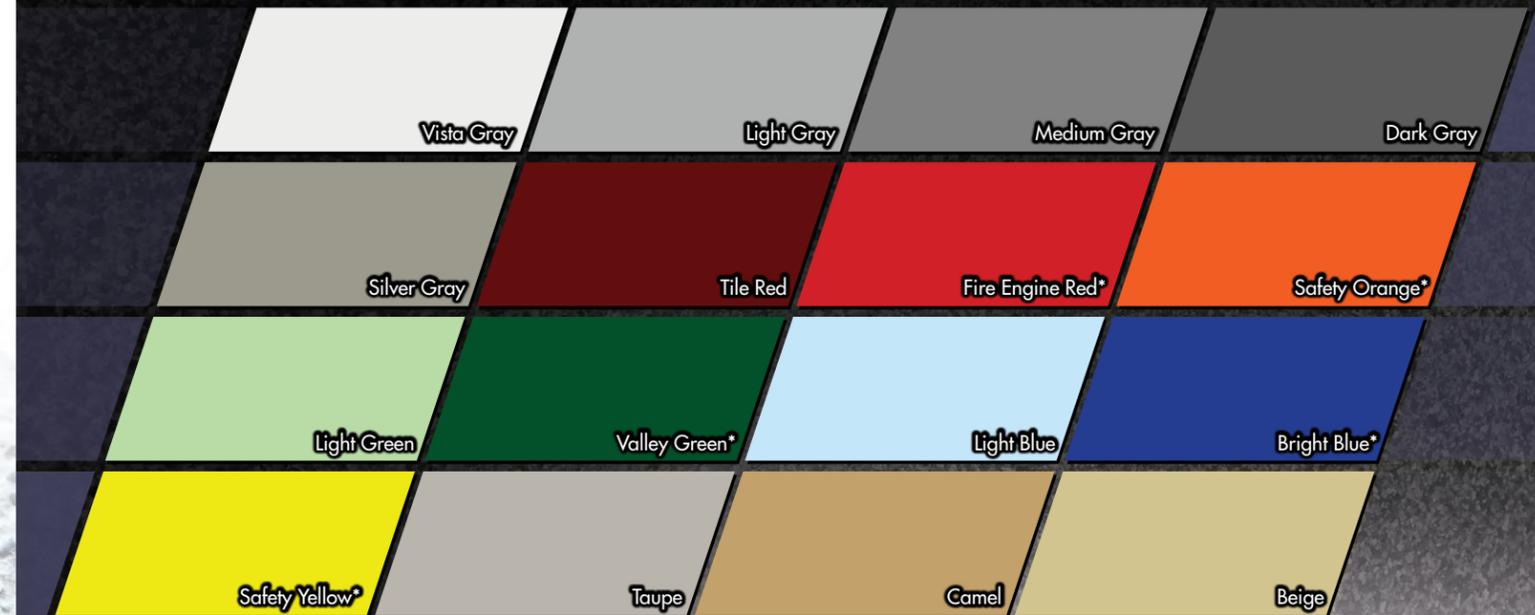
*Based on 2017 formulations.

WearCOAT® FLOOR COATINGS

Textures



Colors



*Deeply pigmented color available at slight additional cost; meets OSHA specifications.

Flakes and Quartz: Many other flake and quartz options are available beyond those shown above.

All Colors: formulated with lead-free and chromate-free pigments.

Custom Colors: Unique, specified, and matched colors are available at additional cost. Quantity minimums, matching charges, and additional delivery time will apply.

COLORS AND TEXTURES WILL VARY: The colors and textures shown above are printed representations of coating pigment coloration, and of various flake and quartz options. They are shown as accurately as printing will allow, but are not exact replicas of the color or texture achieved on any given job.



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