

EVERLAST® PRO FLOOR SYSTEM



DESCRIPTION

EVERLAST PRO FLOOR was formulated to be the longest lasting floor in commercial environments yet still make your facility beautiful.

It is a seamless, decorative and sealed epoxy floor. Colored quartz aggregates or decorative polymer flake are incorporated into a clear epoxy and finished with a clear chemical resistant polyaspartic top coat. The system provides a durable, impermeable lightly textured, slip resistant finish with excellent mechanical and chemical resistance. Aluminum Oxide, polypropylene or natural clear coated quartz surface textures are available to produce a wide range of slip resistant finishes suited to specific needs.

The color quartz or polymer flake broadcast layers come in almost unlimited color options.

RECOMMENDED USES

Everlast® Pro Floor is recommended for commercial and industrial shop floors such as auto service centers, aircraft hangers, and industrial shops because it is durable and chemical resistant.

Clean room floors and laboratories because it creates a seamless and easy-to-clean floor.

Health care facilities such as acute care, ambulatory care, behavioral health, medical office buildings, biotech laboratories, and pharmaceutical labs because it creates a safe, hygienic floor that does not trap in dirt and grime.

Retail such as waiting rooms, lobbies, and showrooms because it's a cost effective and attractive alternative to conventional terrazzo and it's a safer and healthier alternative to luxury sheet floor.

Front-of-House cafeterias and dining rooms because it's easy to keep clean and is resistant to wear.

Shop | Industrial | Automotive | Apparatus Bay
Tired of concrete floors that soak up every drop of oil and grease, getting smellier and grimmer each week? Everlast Pro Floor turns that dirt magnet into a clean, professional surface that actually looks good.

Specifically formulated to resist petroleum products and impact damage, while preventing concrete dusting that clogs equipment. Plus, it reflects light instead of absorbing it, making your whole space brighter.

Warehouses because it is part of a cost-effective way to create a long lasting and durable floor that can withstand heavy equipment and high traffic in industrial facilities.

ADVANTAGES

Most commercial floors sit on top of concrete like a layer of paint and never really bond in the first place.

Everlast Pro Floor is different. It features a next-generation primer that penetrates deep into the concrete, creating a permanent chemical bond. That means no lifting corners and no early replacements.

It's not just what we leave out, like water, weak pigments, and harsh solvents. It's what we put in:

- 100% solids epoxy resin primer and binder
- Quality UV stable American made color quartz or decorative flake
- A chemical and hot-tire resistant polyaspartic topcoat

The result? A floor that doesn't sit on the surface. It becomes part of it.

SURFACE COATINGS VS. MOLECULAR BONDING

Standard commercial floors are surface coatings. They sit on top of concrete waiting to peel, crack, or wear through. Our Hi-Grip Primer penetrates concrete pores and creates permanent chemical bonds. Think welding instead of gluing.

Everlast® Hi-Grip Primer is an essential component of a high-performance flooring or coating system. No matter how good the rest of the system may be, the ultimate and long term performance of the system will only be as good as the foundation on which it has been applied.

Everlast Hi-Grip Primer is a surface tolerant ambient cure epoxy primer. It has good adhesion to damp surfaces making it useful in wet and high humid application areas. This low sensitivity to humidity makes Everlast Hi-Grip Primer especially suitable for concrete primer.

Everlast Hi-Grip Primer is a low-viscosity, solvent-free primer. It is typically preferred because it is able to penetrate and strengthen the concrete substrate. It is also safer and more environmentally friendly than solvent containing systems.



Read More:
[Why Most Floors Don't Stick Around](#)

DILUTED MIXES VS. PURE FORMULATION

Many epoxy floors use mineral fillers or pigments to cut costs and install time. Some skip coats using colored primers. Everlast Pro Floor doesn't cut corners. We use 100% solids epoxy, clear primer, and quartz for lasting strength and bond.



Read More:
[Why Cutting Epoxy with Dirt and Water Ruins Floors](#)

BRITTLE BY DESIGN VS. BUILT TO ENDURE

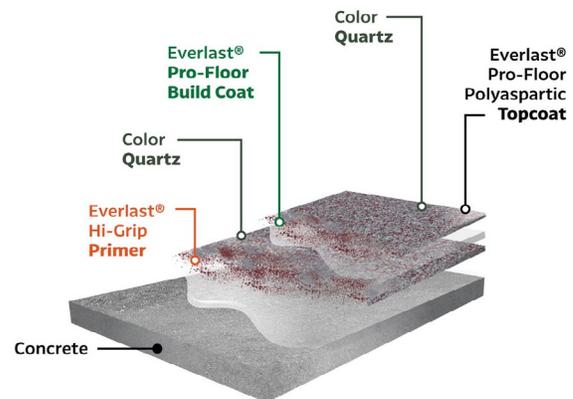
Rigid floors fail under stress. One dropped tool can create a crack, and traffic turns cracks into hazards. Everlast Pro Floor is fiber-reinforced to absorb and disperse impact, making it tougher, stronger, and far less likely to fracture.



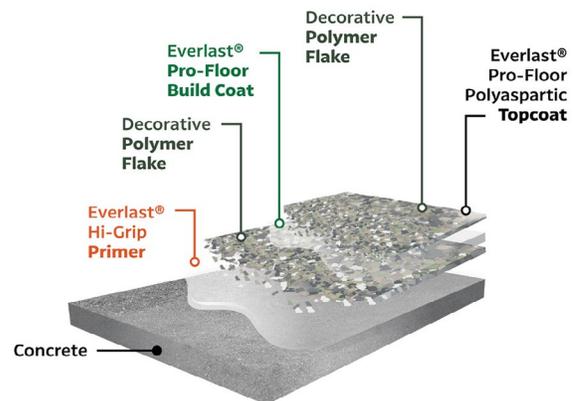
Read More:
[Why "20x Stronger" Doesn't Mean Tougher](#)

SYSTEM INFORMATION

EVERLAST PRO FLOOR WITH COLOR QUARTZ



EVERLAST PRO FLOOR WITH DECORATIVE POLYMER FLAKE



EVERLAST® PRO FLOOR SYSTEM

STEP	PRODUCT	THICKNESS
1A. PRIMER	EEFL011 Everlast® Hi-Grip Primer	8 – 12 mils
1B. BROADCAST INTO PRIMER	<ul style="list-style-type: none"> Decorative Polymer Flake, 1/4", 1/8" or 1/16" (Multiple colors and blends available) Color Quartz - Broadcast Grade (Multiple colors and blends available) 	
2A. BUILD COAT	EEFL009 Everlast® Pro Floor Build Coat	6 – 12 mils
2B. BROADCAST INTO BUILD COAT	<ul style="list-style-type: none"> Decorative Polymer Flake, 1/4", 1/8" or 1/16" (Multiple colors and blends available) Color Quartz - Broadcast Grade (Multiple colors and blends available) 	
3. TOPCOAT	EUPC0888X Pro Floor Polyaspartic Topcoat	10 – 12 mils
COLOR	100s of colors and unlimited color blends available	125 mils (1/8")

TYPICAL PHYSICAL PROPERTIES

Tensile Strength (ASTM D-638)	5,100 psi
Adhesion Strength (ASTM D-4541)	>400 psi (2.7 MPa) (100 % concrete failure)
Abrasion Resistance (ASTM D-4060)	30 mg loss (CS-17/1000 rotations/1000g)
Impact Resistance (ASTM D-4226)	>160 in./lbs.
Compressive Strength (ASTM C-579)	8000 psi
Flexural Strength (ASTM D-790)	9000 psi
Linear Coefficient of Thermal Expansion (ASTM C-531)	17 x 10 ⁸ in./in. °F
Hardness shore D (ASTM D-2240)	82
Elongation at Break (ASTM D-638)	15%
Permeability to Water Vapor (ASTM E96)	0.33 g/hour/sq.ft
Flammability (ASTM E-648)	Class 1
Coefficient of Friction (ANSI 326.3)	0.6
Water Absorption (ASTM C-413)	0.2

* At an ambient temperature of 73.4° F and 50% Relative Humidity

CHEMICAL RESISTANCE

REAGENT	TYPICAL VALUES
XYLENE	C
1,1,1 TRICHLOROETHANE	B
MEK	A
METHANOL	B
ETHYL ALCOHOL	B
SKYDROL	C
50% SODIUM HYDROXIDE	E
10% SULFURIC ACID	C
10% HCl (AQ)	C
5% ACETIC ACID	C

RATING KEY

A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill D - 72 hour immersion, E - long term immersion.

SUBSTRATE PREPARATION

Flooring shall not be applied to sand-cement setting beds with a PSI lower than 2500. Sand-cement beds shall be removed to structural concrete substrate and re-leveled/sloped as necessary to achieve grade and/or adequate drainage.

Ensure that floor drains are set no higher than $\frac{1}{8}$ inch above slab.

Contractor to provide positive drainage at floor drains.

FRP and any other wall finish should terminate with J-Molding or other trim at least 6 inches above finish floor.

Gaps between wall sheathing and substrate shall be filled prior to flooring commencement per flooring manufacturer's requirements.

Cracks and joints greater than $\frac{1}{8}$ inch wide

will need to be repaired and treated with the products listed in 2.2 of these specifications.

Upper level rooms that have space below should be primed with EEPR0278 Flexible Broadcast Primer.

The substrate shall be clean, dry and sound.

Remove dust, laitance, grease, curing compounds, waxes, foreign particles and any previously applied potentially incompatible coatings by scarifying, chipping, wire brushing, or pressure washing. If pressure washing or any other liquid method is used for preparation, substrate should be fully rinsed, squeeze-dry mopped and allowed to completely dry. Acid etching is not allowed.

Concrete: New concrete must cure for at least 28 days at 70°F (21°C), and have been free from water for at least 7 days.

Older floors should be scarified and thoroughly cleaned. If badly cracked, crumbling, punky or deeply contaminated with oil or fat, a new concrete topping of proper thickness and strength should be installed. Swollen areas should be chipped out and any cracks, spalls, joints or other depressions filled with our underlayment.

The concrete should be at least 2500 psi.

Concrete hydrostatic, capillary or moisture pressure must be no greater than 3.0 lbs./1000 sf/24 hours (ASTM F1869).

The relative humidity (RH) shall not exceed 75% (ASTM F2170).

Prepare concrete to a profile equal to CSP 3 as specified by ICRI.

Treat control joints and other substrate cracks to prevent cracks. Follow the joint filler manufacturer's guidelines.

Quarry / Ceramic Tile: Tile and grout shall be thoroughly cleaned. Loose tile shall be removed and filled in with underlayment. Surface of the tile shall be scratched with a diamond grinder to remove the glaze.

CURE RATES

STEP	PRODUCT	CURE SPEED
1. PRIMER	EEFL011 Everlast® Hi-Grip Primer	6.5 – 9 hours
2. BUILD COAT	EEFL009 Everlast® Pro Floor Build Coat	6 – 8 hours
3. TOPCOAT	EUPC0888X Pro Floor Polyaspartic Topcoat	6 – 8 hours

WARRANTY STATEMENT

Information about EVERLAST EPOXY products is given to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you will make your own test to determine the suitability of the product for your particular purpose. As products are often applied or used under conditions beyond our control, EVERLAST EPOXY cannot guarantee anything but the quality of its products. EVERLAST EPOXY warrants that its products meet the specifications set forth by EVERLAST EPOXY, but we reserve the right to change any given specification without prior notice. EVERLAST EPOXY DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of an EVERLAST EPOXY product constitutes acceptance of our “Terms of Sale” published at <https://everlastepoxy.com/terms-of-sale>, contrary provisions of an EVERLAST EPOXY salesperson or the buyer’s purchase documents notwithstanding. Upon receipt of merchandise, purchaser has 30 days to notify EVERLAST EPOXY in writing that materials are defective. In the event EVERLAST EPOXY finds that the product delivered is off specification, EVERLAST EPOXY will, at its sole discretion, either replace the product or refund the purchase price thereof, and EVERLAST EPOXY’s choice of one of these remedies is the buyer’s sole remedy. In no event shall the liability of EVERLAST EPOXY exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. EVERLAST EPOXY will, under no circumstance, be liable for special, incidental or consequential damages.

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