

EIFL Everlast® Industrial Floor

DESCRIPTION

EVERLAST INDUSTRIAL FLOOR is a high solids epoxy, marble-chip and quartz aggregate that is troweled in place, evenly textured, slip-resistant finish with a thickness of between 1/8" and 3/16". When installed over clean concrete EVERLAST INDUSTRIAL FLOOR does not require primer or bond coat components or the application thereof. EVERLAST INDUSTRIAL FLOOR can withstand subtle movement of the sub-floor and is not prone to cracking. EVERLAST INDUSTRIAL FLOOR is formulated to withstand heavy equipment and high traffic in industrial facilities.

EVERLAST INDUSTRIAL FLOOR is a monolithic, custom-made, troweled on system that forms a physical bond between the material and the surface it is being applied and vulcanizes them together. The compound made is so tightly bonded together that corrosive materials cannot penetrate to begin the process of deterioration.

RECOMMENDED USES

EVERLAST INDUSTRIAL FLOOR lends itself to many types of the industry's needs. **Retail** it's a cost effective and attractive alternative to conventional terrazzo flooring in hallways, restrooms and buffet areas, It's unaffected by repeated use of detergents or cleaning compounds, **Kennels** It is resistant to urine and we have a special slip-free finish that will not hurt animals paws. **Food Processing** it's clean, sanitary and withstands heavy steel wheel traffic, **Walkways and Walking Surfaces** with the use of the slip resistant additive in the topcoat it provides a slip-resistant surface, even when wet. **Safety Surfaces** it is easy to maintain and keep clean. It is not prone to peeling and chipping under duress.

FEATURES

- Non-porous and non-absorbent
- Chemical resistant
- Impact and shock resistant
- Excellent low temperature properties
- Unlimited life expectancy
- Low odor – no voc's
- No joints or seams for water penetration
- Anti-microbial – bacteria will not collect
- No delamination
- Available in many color combinations

PHYSICAL/CHEMICAL CHARACTERISTICS

PROPERTY	TYPICAL VALUES
SHELF LIFE	2 years (between 50°F and 85°F) (10°C and 29°C)
APPLICATION TEMP & HUMIDITY	55°F to 90°F (13°C to 30°C) @ less than 75% R.H.
MIXING RATIO	All components to be completely mixed together. Units are not to be split.
COVERAGE	Apx. 25 sf. Per unit
WORKING TIME	20-30 minutes @ 75°F (24°C)
APPLICATION METHOD	Mixed, poured and troweled
READY FOR TOP DRESSING	8 – 12 hours
READY FOR FOOT TRAFFIC	10-16 hours
READY FOR HEAVY TRAFFIC	1 week
ADHESION STRENGTH	>500 psi) w/ concrete failure (ASTM D-4541)
COMPRESSIVE STRENGTH	17,000 psi (ASTM D-579)
TENSILE STRENGTH	7,100 psi (ASTM D-307)
FLEXURAL STRENGTH	8,500 psi (ASTM D-580)
COEFFICIENT OF LINEAR EXPANSION	2.5 x10-5 (ASTM D-696)
VOC	No VOC'S
SMOKE DENSITY	<3 (ASTM E-662)
IMPACT RESISTANCE	>24,000 psi (ASTM D-4226)
INDENTATION	0.8% (ASTM D-2794- shall not exceed 1%)
ABRASION RESISTANCE	0.018gm (ASTM D-501)
FLAMMABILITY	Self-Extinguishing (ASTM D-635)
HEAT RESISTANCE	158°F (ASTM D-2794)
WATER ABSORPTION	>0.2% (ASTM C-413)
WEIGHT	1.17 lbs/sf. @1/8" thickness
SLIP RESISTANCE	Wet leather Static 1.05 / Sliding 0.74 Wet rubber Static 1.10 / Sliding 0.72

Based upon a seven day cure at 75°F (24°C)

EIFL Everlast® Industrial Floor

SURFACE PREPARATION

The substrate must 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, acid etching, or pressure washing. If pressure washing or any other liquid method is used for prep, substrate should be fully rinsed, squeeze-dry mopped and allowed to completely dry. If the surface is not prepared properly, product adhesion will fail and warranties will be voided. Moisture vapor transmission reading must be 3 lbs. or less.

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.

Wood Floors Plywood floors should consist of 2 layers of at least 5/8" material with offsetting joints, and be screwed (nailing not acceptable) into 16" joists.

Vinyl Tile should be thoroughly cleaned to eliminate any wax buildup. Any loose tiles and adhesive must be removed and areas patched with our underlayment. Sheet flooring and adhesive must be completely removed.

Quarry / Ceramic Tile and grout must be thoroughly cleaned. Any loose tile must be removed and filled in with an approved underlayment. Glaze must be removed from the tile prior to installation.

Steel Decks must be clean, free from oil, grease, rust and loose scale. The deck should then be wiped with denatured alcohol. Allow deck to dry.

FOR BEST RESULTS

- If installing outside and exposed to direct sunlight use a solid color urethane topcoat.
- New Concrete Must Cure For at Least 30 Days @ 70°F (21°C).
- DO NOT thin EVERLAST INDUSTRIAL FLOOR.
- DO NOT Install while humidity exceeds 75%.
- Temperature during installation should be 55°F - 90°F.
- Apply Top Dressing Within 24 Hours.
- Discard any Material Subjected to Freezing.
- DO NOT Apply to Structurally Unsound Surfaces.
- DO NOT Allow Mixed Material to sit in the Bucket.
- DO NOT Mix Material before you are Ready to Apply.

MIXING

Avoid mixing and application of this product if the floor temperature is below 55°F or above 90°F. Also avoid application if the humidity is higher than 75% R.H. The temperature of the floor, materials and air in the area of the installation all play a role in how the product will apply and cure. To begin, you will need a clean 5-gallon pail and a ½ horsepower variable

speed mixer. Measure out 78 ounces (by volume) or Everlast Industrial Floor Part A and 42 ounces (by volume) of Everlast Industrial Floor Part B. Blend resins for a minimum of 1 and ½ minutes. Add aggregates to the resin mixture and blend thoroughly.

POT LIFE

At 75°F (24°C) and 50% relative humidity, EVERLAST INDUSTRIAL FLOOR has a useful working time or pot life of approximately 20-30 minutes. Using beyond this time will result in variable results and therefore any mixed product beyond the pot life should be discarded. Apply all material to the floor as quickly as possible to increase working time.

APPLICATION

For cove base, place mixed product on the floor along the wall. Use a bull-nose gauge trowel and place the material tightly against the wall at the required height. If necessary, tape the wall first to create a straight stopping point. Remove the tape immediately after troweling base. A large dinner spoon will form a nice cove finish. For Floor, after mixing, pour product onto floor at once to increase working time. Material left in bucket has less working time. Using a Marshalltown finish trowel place the product with medium pressure, start at the wall and pull material toward you to flatten the product and finish material into its designed even thickness. Repeat until the product is constantly uniform. After the product has been placed, lighten up and hold the trowel at an angle and comb over the top of the material lightly. This will flatten any stones that may be high as well as supply more resin to the surface to seal off the system properly. The passes with the trowel till pull the resin to the top much the same way water will do in a cement application.

CLEAN UP

Application equipment should be cleaned using denatured alcohol immediately after use.

DISPOSAL

Empty containers may contain product residue. Do not cut, puncture or weld near these containers. Label warnings must be observed until containers have been commercially cleaned or reconditioned. Containers to be thrown out must be disposed in accordance with federal, state and local regulations. Use only licensed hazardous waste disposal companies.

CUSTOMER NOTE

One should not attempt to install Everlast Industrial Floor without first reviewing the how-to instructions available at: <https://www.everlastepoxy.com/everlast-epoxy-floors-installation> Use the same installation instructions as for Everlast Floor. or more information contact your local Everlast Epoxy System's representative or the corporate office.

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 tests 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://www.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 circumstances, be liable for special, incidental or consequential damages. Our "Terms of Sale", published at <https://www.everlastepoxy.com/terms-of-sale>, supersedes all other guaranties, whether oral or written, and whether expressed, implied or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.

Everlast Epoxy Systems, Inc.

1000 N West St Ste 1200
Wilmington, DE 19801 USA.

(800) 708-9870

 www.EverlastEpoxy.com