

Product Data Sheet

INDUSTRIAL GRADE FLOOR COATING

Eco-Tuff™ Industrial Floor Coating is the world's safest and most durable floor coating that delivers an attractive, long lasting finish on concrete, wood, metal, and fiberglass surfaces. The advanced formulation of non-hazardous cross-linking modified acrylics, urethanes, and co-polymers delivers a Green Building compliant solution with superior durability, flexibility and safety.

Sustainable. Flexible. Durable

Eco-Tuff™ is a single component, zero VOC, high build, high flex ultra tough waterproof coating material. There are no hazardous ingredients, is non-flammable and is virtually odorless. It is engineered with outstanding flexible properties for the most extreme environments, from freezing cold temperatures to the hottest climates around the world. It is capable of withstanding high traffic, abrasion, UV, chemicals, hot tire pick-up, and submersible applications.

Eco-Tuff™ standard formulation has inherent flex capacity to resist cracking from minor substrate shifts. It is also available in a high flex formula for substrates such as wood or fiberglass which tends to expand, contract, and shift more readily. You even have the option to order Eco-Tuff™ with a submersible formulation to withstand constant underwater exposure such as in pools, spas, fountains, and other water features.

Eco-Tuff™ is a highly preferred floor coating used in factories, laboratories, parking lots, schools, water parks, theme parks, municipalities, schools, etc. where maximum safety and environmental compliance is necessary. The bonding strength is stronger than the substrate and will not flake, crack or peel like conventional epoxies.

PERFORMANCE FEATURES:

- ◇ Zero VOC's
- ◇ Non-Hazardous
- ◇ Non-Flammable
- ◇ Non-Abrasive Texture
- ◇ Virtually Odorless
- ◇ UV Resistant
- ◇ Abrasion Resistant
- ◇ Hot Tire Resistant
- ◇ Fast Return to Service
- ◇ Significant Labor Savings
- ◇ Self Leveling
- ◇ Fast Dry Time
- ◇ Repairable
- ◇ Interior & Exterior Use

ENVIRONMENTAL FEATURES:

Eco-Tuff™ is an eco-friendly alternative to conventional epoxies, urethanes, and acrylic based systems. It meets all environmental air quality standards and does not contain hazardous ingredients nor does it contribute to lingering toxic odors, allowing safer installation and safer return to service for building occupants.

This innovative water-based chemistry helps green builders meet Green Building LEED criteria for low-emitting materials and recycled material content. It also provides for a safer construction site as there are no flammable or combustible ingredients, no hazardous reporting ingredients, and is non-corrosive.

AVAILABLE AT:

ECO-TUFF™ APPLICATIONS:

- ◇ Theme Parks
- ◇ Decorative Floors
- ◇ Play Pools
- ◇ Schools
- ◇ Garage Floors
- ◇ Warehouse Floors
- ◇ Factories
- ◇ Laboratories
- ◇ Boats

CSI Divisions:

Division 3 - Concrete, 03 3500 Concrete Finishing, 03 4800 PreCast Concrete Specialties Division 9 - Finishes, 09 9400 Decorative Finishing, 09 6100 Flooring Treatment, 09 6700 Fluid Applied Flooring, 09 9600 High-Performance Coating, 09 9700 Special Coatings Division 7- Thermal & Moisture Protection, 071900 Water Repellents

LEED Green Building Rating System:

Materials & Resources:

Building Reuse, MR Credit 1

Local/Regional Materials, MR Credit 5

Indoor Environmental Quality:

Low-Emitting Materials, EQ Credit 4

ECO-TUFF™ PACKAGING:

Eco-Tuff™ will yield approximately 200 to 250 square feet per gallon per coat depending on the porosity of the substrate.

- 1 Gallon Can/4 Case Pack
- 5 Gallon Pail

TECHNICAL DATA:

VOC: 0 g/l

Odor: Very Mild. Virtually Odorless

Installation Temperature: 40° F [4 C] to 120° F [49 C]

Relative Humidity: 85% maximum, below 80% for best results.

Dry to Touch: 30 Min to 1 Hour depending on ambient temperature.

Intercoat: 1 Hour

Open To Foot Traffic: 12 Hours Light, 24 Hours Normal

Full Cure: 5 to 7 Days (Depending on environmental conditions)
10-14 days for submersible coating applications.

APPLICATION:

Apply by hopper sprayer, airless sprayer, or 1/2"-3/8" nap roller,

Obtain the full installation guide for complete details. The surface must be free from bond breaking contaminants such as oils, grease, sealers, etc. If applying over existing sound topical coatings, sand to provide additional profile for bonding.

Install the Eco-Tuff 2-Part W.B. Primer/Sealer and allow to dry for at least 6 hours prior to installing the topcoat. Eco-Tuff is applied in even coats. You should not exceed 250 sq.ft per gallon per coat in order to maintain recommended mil thickness.. Apply 2 coats for most applications and minimum 3 coats for very heavy industrial. Allow 1 hour dry time between coats.

If installing decorative or slip resistant aggregate, work in small areas and apply over the 1st coat immediately while it is still wet. Sweep or vacuum excess aggregate when dry, touch-up where necessary, then apply additional topcoats or Eco-Tuff Clear Coat as applicable to lock-in the aggregate.