

Product Data Sheet

INDUSTRIAL GRADE FLOOR COATING

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

Sustainable. Flexible. Durable

Eco-Tuff™ is a single component, zero VOC, 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.

co-Tuff™ is available in three formulations. Standard formulation has inherent flex capacity to resist cracking from minor substrate shifts. Flex formula is for substrates such as wood, FRP, or fiberglass which tends to expand, contract, and shift more readily. AQ formulation is our submersible coating engineered to withstand constant underwater exposure and chemicals such as in pools, spas, fountains, and other water features. AQ is also our recommended concrete countertop finish for its superior chemical and water resistance.

Eco-Tuff™ is a highly preferred floor coating used in factories, laboratories, 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

Chemical Resistance Tests

Scale: 5 – No Permanent Effect 0 – Severe

Fuel	4	Sodium Hydroxide	5
Diesel	4	Alkaline Detergent	5
Hydraulic Oil	5	Anti-Freeze	3
20W50 Oil	5	Water	5
Skydrol	0	Ethanol	5
Used Oil	5	190 Proof Alcohol	5
Sulfuric Acid (10%)	5	Ammonia	5
Acetic Acid	5	Vinegar	5

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 exempt solvents, hazardous ingredients nor does it contribute to lingering toxic odors, allowing safer installation and faster return to service for building occupants.

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, 07 1900 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 300 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 90° F (32 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)
7-10 days for submersible coating applications.

APPLICATION:

Apply by hopper sprayer, airless sprayer, lightweight or heavyweight T-Bar applicator, floor squeegee, 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, sanding may be necessary to provide additional profile for bonding.

For best results on high traffic pedestrian or vehicular environments install the Eco-Tuff 2-Part W.B. Primer/Sealer and allow it to dry for at least 6 hours prior to installing the topcoat. Eco-Tuff is applied in even coats. Apply 2 coats minimum for most applications and 3 coats for heavy retail and industrial environments. Allow 1 hour dry time between coats or until completely dry.

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