

Product Data Sheet

INDUSTRIAL GRADE TOPCOAT PROTECTION

Eco-Tuff™ High Traffic Clear Coat is the world's safest and most durable clear coat in its class. It delivers an attractive, long lasting finish on concrete, wood, metal, painted surfaces, plaster, and fiberglass surfaces. The advanced formulation of non-hazardous water-based 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, high solids, flexible ultra tough waterproof coating material. There are no hazardous ingredients, is non-flammable and is virtually odorless. It is engineered with outstanding performance properties for the most extreme environments from freezing cold temperatures, coastal environments, 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 is used in theme parks, water parks, oil rigs, ocean liners, airlines, stadiums, military and more...

Eco-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's higher solids and viscosity makes it the preferred medium for adding numerous types of decorative or slip resistant aggregate such as color chips, mica, granulated rubber, cork, glass, quartz, etc.

PERFORMANCE FEATURES:

- ◇ Zero VOC's
- ◇ Non-Hazardous
- ◇ Non-Flammable
- ◇ Non-Corrosive
- ◇ 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 environmental air quality standards and does not contain hazardous ingredients, exempt solvents nor does it contribute to lingering toxic odors, allowing safer installation and faster return to service.

AVAILABLE AT:

ECO-TUFF™ APPLICATIONS:

- ◇ Concrete Floors
- ◇ Concrete Countertops
- ◇ Pools
- ◇ Wood Decks
- ◇ Boats
- ◇ Water Features
- ◇ EntryWays
- ◇ Pre-Cast
- ◇ FRP

CSI Divisions:

Division 7- Thermal & Moisture Protection, 07 1900 Water Repellents Division 9 - Finishes, 09 960 High Performance Coatings; 09 980 Coatings for Concrete & Masonry 09 940 Decorative Finishes

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 to 95° F

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)

APPLICATION:

Apply by hopper sprayer, airless sprayer, lightweight or heavyweight T-Bar applicator 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 topcoats as usual to lock-in the aggregate.