

# Eco-Tuff™

High Traffic Clear Coat



## Product Data Sheet

### INDUSTRIAL GRADE TOPCOAT PROTECTION

Eco-Tuff™ High Traffic Clear Coat is the world's leading environmentally compliant clear safety coating that outperforms all other floor coating products. The advanced formulation of non-hazardous cross-linking modified acrylics, urethanes, and co-polymers delivers a Green Building compliant high traffic finish coating 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.

The thick build topcoat is applied at approximately 30-40 wet mils which is up to 10 times the thickness of many high quality topcoat systems. 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 topcoat system when the best surface protection against heavy foot traffic and abrasion is required. With its thick consistency, it is also an ideal medium for adding numerous types of decorative or slip resistant aggregate such as color chips, mica, granulated rubber, cork, glass, quartz, etc. Decorative aggregates can easily add unique artistic impressions to your project.

### 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

### 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. It also provides for a safer construction site as there are no flammable or combustible ingredients, no hazardous reporting

AVAILABLE AT:

### ECO-TUFF™ APPLICATIONS:

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

#### 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 [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)

### APPLICATION:

Apply by hopper sprayer, airless sprayer, 16" NylFoam pad applicator, Lightweight 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, 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. Be sure to observe uniform coverage and thickness to avoid puddling. You should not exceed 250 sq.ft per gallon per coat in order to maintain recommended mil thickness.. Apply 2 coats minimum for most applications and 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 as usual to lock-in the aggregate.