

Product Data Sheet

Product Description: Eco-Tuff™ High Traffic Clear Coat is an advanced high performance formulation that contains non-hazardous cross-linking W.B. acrylic-urethanes with bio-based co-polymers to deliver optimum durability and sustainability. It contains high solids for better film build and time saving self leveling properties. We recommend applying one of our Eco-Tuff™ Primers where optimum bonding and moisture protection is required.



Typical Use: The professional's choice where the longest life and toughest surface barrier is required to resist the negative effects of high traffic, abrasion, weathering, chemicals, and UV. Its flexible characteristics provide outstanding resistance to common concrete and masonry hairline cracking. Eco-Tuff™ is the ideal high performance clear coat for interior and exterior non-flexible substrates.

The Most Durable Clear Coat Available
 Decorative Concrete • Concrete Countertops
 Industrial Floors • Wall Panels • Masonry
 Block Walls • Brick Pavers • Primed Metals

More Sustainable	More Performance	More Value
<ul style="list-style-type: none"> ➤ Water-Based Technology ➤ Bio-Based Technology ➤ Petroleum Use Reduction ➤ Zero VOC's ➤ Virtually Odorless ➤ Renewable Resource Content ➤ Recycled Content ➤ Extends Substrate Life Span ➤ Less Recoats = Less Material ➤ Faster Install = Less Energy 	<ul style="list-style-type: none"> ➤ High Solids ➤ Cross-Linking Technology ➤ Self Leveling ➤ High Traffic Resistant ➤ Chemical Resistant ➤ Weather Resistant ➤ Crack & Flake Resistant ➤ Breathable ➤ Fast 1 Hour Dry Time ➤ Repairable & Tintable 	<ul style="list-style-type: none"> ➤ Beautiful High Luster Finish ➤ Green Building Compliant ➤ Quicker Return To Service ➤ No Lingering Offgassing ➤ Fewer Recoats Saves \$\$\$ ➤ Low to No Downtime ➤ More Durable ➤ Faster Install Saves Labor ➤ Faster Clean Up Saves Time ➤ Lowest Life Cycle Cost

Chemical Resistance Tests: (Ratings Scale: 0= Negative Effect, 5= No Effect)

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

(Note: Protective barrier coatings in general are not intended to be immersed or exposed to long standing caustic chemical exposure. Resistance features are only a safeguard in conjunction with proper spill cleanup and maintenance cleaning. Long term exposure to such chemicals will gradually degrade the protective coating over time)

Technical Data: VOC Content=0 g/l, Solids Content= 32%, Bio-Based Content=<10%, Odor= Low, Installation Temperature= 40°F-100°F, Dry to Touch= 30 minutes-1 hour, Intercoat Time= 1 hour, Clean-Up= Soap & Water.

Potential USGBC LEED Contributions: MR Credit 1-Building Reuse, MR Credit 3-Materials Reuse, MR Credit 6-Recycled Content, MR Credit 5-Regional Materials, MR Credit 6-Rapidly Renewable Materials, IEQ Credit 4-Low Emitting Materials, ID Credit 1-Innovation in Design.

Available At:

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Coverage: Coverage rates are dependent upon the actual surface porosity, texture and application method used. Recommended 250-300 sq.ft./gal @ 6 wet mils per coat. 2 coats standard, 3 coats for maximum heavy duty use. If lower film build is required, your spread rate will increase. Do not exceed 350 sq.ft./gal per coat. Perform test patch and method to determine actual spread rate estimates and acceptable film build.

Application: Surfaces must be properly cleaned, dry, sound, and free of oils, sealers, waxes, dust, dirt, rust, stain residue, efflorescence, loose material, etc. Surfaces must have porosity or adequate profile for its intended use. Good surface preparation will ensure the most durable system. Apply Eco-Tuff™ Primer prior to the clear coat application for maximum bonding and enhanced moisture protection.

(Obtain our full installation guide from your dealer or download at www.ecoprocote.com) MIX PRODUCT WELL BEFORE APPLICATION WITH MIXING BLADE OR STIR STICK. Always test a small area prior to full application. Apply Eco-Tuff™ Clear Coat with a lint free 3/8" nap roller, 18" T-Bar applicator, airless or HVLP sprayer as deemed appropriate. You may dilute the material with up to 5% clean water if thinning is necessary for spray applications. If using a manual roller or foam pad applicator, slightly dampen with water before using. Roller Method: Apply material onto roller by working back and forth. Make sure the applicator is completely full of material. Resaturate roller after each pass and blend the area until you have uniform coverage. Continue the same process until your first coat is complete. Repeat the process for subsequent coats once the previous coat is completely dry, usually within an hour. T-Bar Method: Pour the material along your starting edge wall. Carefully cut-in the material along the edge without leaving puddles. Work in 3-4' wide sections to allow a 90° cross angle to work out any puddles or ensure uniform coating coverage. Pour another line of material lengthwise and repeat process. Apply a minimum of 4-6 wet mils onto the surface and avoid puddles or bubbles. Decorative or Non Skid Aggregate: If applying aggregate, broadcast over the first coat while still wet, then topcoat as instructed above. Or, you may mix the aggregate in solution on your first coat. Use the roller or spray application method for subsequent topcoats. Apply a minimum of 2 coats and 3 coats for heavy traffic use. Avoid outdoor application if rainy weather is in the forecast. Avoid standing water exposure during the first 3-5 days of application to allow for full cure.

Color Tinting: Eco-Tuff Clear Coat may be tinted with most universal colorants or with our Eco-Color bio-based colorants. Tinting is a customizable field application to provide enhanced decorative color options or to perform quick topical color repairs. The amount of colorant added will determine the transparency level. Do not exceed 10% pigment load to the clear base volume.

Limitations: Optimum bonding strengths for specific intended use requirements are dependent upon proper steps to increase porosity and profiling necessary. Additional bonding strength and moisture resistance will be achieved by installing one of our Eco-Tuff Primers that best balances all aspects of the desired finished project. Avoid ponding of water, exposure to chemicals and subjecting the coating to hot or wet tires during the recommended curing period if applicable. Applications that are submersed in water for extended periods of time will require our optional AQ formulation and 10-14 days cure time. Do not allow the product to freeze.

Safety Precautions: Always wear protective clothing and goggles to avoid possible irritation to skin and eyes. Wear applicable particulate mask when applying any material by sprayer whereby excessive airborne mist is present. Keep away from children. Refer to Material Safety Data Sheet for further health and safety information.

HMIS Codes: Health = 1, Flammability = 0, Reactivity = 0, Personal Protection = B

Packaging: 1 Gallon Can, 5 Gallon Pail, 55 Gallon Drum (custom order)

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