

Technical Data Sheet



Eclectic Products, Inc.
Manufacturing Facility
101 Dixie Mae Drive
Pineville, Louisiana
eclecticproducts.com
800.349.4667

ISO 9001:2008
Compliant
Quality Management
Systems

Administration Office
Eugene, Oregon
eclecticproducts.com
800.693.4667



16 fl oz

32 fl oz

FAMOWOOD® DURA-TUFF®

CLEAR COAT POLYURETHANE LIQUID PROTECTION

PRODUCT DESCRIPTION

DURA-TUFF® Clear Coat is one of the easiest coatings to apply and maintains many years of satisfaction. Nothing to add or mix, this clear gloss, moisture cure urethane replaces varnish, is quick drying, non-yellowing and maintains superior adhesion, scratch resistance and UV resistance. Brush, spray or dip DURA-TUFF® to protect and coat floor boards, cock pit areas, aluminum boat finishes, fishing rods, golf clubs, bows & arrows, canoes, paddles, oars or charts and maps.

WHERE TO USE / APPLICATIONS

Apply to virtually any surface including wood, brass, epoxy, steel, fiberglass, iron, slate, bronze, tile, aluminum, copper, stone and concrete for lasting protection. Coat surface you want to protect with this quick drying clear coat.

***NOTE:** DURA-TUFF is slippery when wet. For walking or stepping surfaces, non-skid granules must be added.

FEATURES AND BENEFITS

QUICK DRYING – can be used as a primer, intermediate and a finish coat

NON-YELLOWING – works as a clear, protective coating over metal flake fiberglass hulls or decks and soft or hardwood floors*

SUPERIOR ADHESION – seals concrete, tile and restores seamless floors

ABRASION/SCRATCH RESISTANT – protects aluminum, brass, copper and bronze

UV RESISTANT – works as a superior protective sunshield over any epoxy resin coating

TECHNICAL INFORMATION

PHYSICAL PROPERTIES

Viscosity:	60-125 Cps
Tensile strength:	5,000 psi
Elongation:	85%
Impact resistance:	+160 inch/lbs. (ASTM-D-256-54T)
Taber abrasion index:	28 mg. (mg. weight loss, 1,000 g., 1,000 cycles, CS 17 wheel)
Solids content:	40%
Tack free time:	60 to 90 minutes @ 72 °F (22 °C)
Cure time:	2 to 7 days (depending on temperature)
Flash point:	73 to 99 °F (ASTM D-3278)
Weight/gal:	7.91 to 8.11 @ 77 °F/25 °C (ASTM D-1475)
Coverage:	Approximately 50 square feet per pint; 100 square feet per quart.
Application Temperature:	50 to 80 °F (10 to 27 °C)
Service Temperature:	10 to 150 °F (-12 to 66 °C)
Storage Temperature:	Do not store above 95° F (35 °C); Store in tightly closed containers in dry environment .
Shelf life:	Approximately 1 year

DIRECTIONS and APPLICATION NOTES

SURFACE PREPARATION **Aluminum:** "NEW" – clean surface with commercial solution of phosphoric acid and rinse thoroughly with clean water. Use Aldoine 1201 Coating chemical which produces a light gold to tan chemical conversion coating on aluminum, which provides corrosion resistance and paint adhesion.
"OLD" – remove all paint, grease or oil contaminants and clean surface as above.

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SURFACE PREPARATION (continued) **Fiberglass:** Sand with medium grade production sandpaper until surface has a matte finish with no trace of gloss or sheen remaining. After sanding, wipe with clean cloth saturated with paint thinner.

Wood: Remove all old paint and sand surface with course grade production sandpaper. Fill all abrasions, dents, cracks and holes with epoxy compound. Sand with medium grade to remove any scratches from sanding and blend in filled areas. Finish sanding with fine grain production sandpaper. Remove all dirt and dust with a clean cloth saturated with paint thinner.

DIRECTIONS Always apply in well-ventilated area. Do not thin DURA-TUFF. Not recommended for oily woods like cedar, teak, etc. Wear gloves and appropriate skin protection.

- Step 1 DURA-TUFF Clear Coat is ready to use (no mixing or thinning).
- Step 2 Maintain minimum 30% humidity in work area.
- Step 3 TEST SMALL AREA BEFORE FULL USE. Apply on dry surfaces. Applying to damp surfaces, will not allow product to cure.
- Step 4 Remove all grease, wax, paint or paint removers, or other contaminants.
- Step 5 Sand surface smooth and wipe clean with tack cloth.
- Step 6 Brush (natural bristle) or spray (with condenser or airless) Dura-Tuff Clear Coat on in one direction.
- Step 7 If applied over existing paints or varnishes, check for compatibility (wrinkling, loss of adhesion, etc.).
- Step 8 Always pour amount required for project into separate container. To prevent lid from sticking to container, wipe lid and rim clean and apply thin layer of paste wax to these surfaces.
- Step 9 Dura-Tuff Clear Coat dries tack-free in 2 - 4 hours (under average conditions of 70 °F/21 °C) and reaches full cure between 2 – 7 days (depending on temperature).
- Step 10 MULTIPLE COATS: A light sanding between coats is recommended. Additional coats can be applied when surface is tack-free.
- Step 11 Brushes or spray equipment may be cleaned in lacquer thinner.
- Step 12 COVERAGE: Approximately 50 square feet per pint (16 fl oz).

HEALTH and SAFETY

This product contains xylene, urethane prepolymer and ethyl benzene. Vapor harmful. May cause dizziness, headache or nausea. May cause allergic skin and respiratory reaction. May cause eye and skin irritation. May cause damage to liver and kidneys. WARNING: This product contains a chemical known to the State of California to cause cancer. Keep away from heat, spark and flame. Do not smoke. Extinguish all flames and other sources of ignition during use and until all vapors are gone. Open windows and doors to achieve cross-ventilation. Use only with adequate ventilation. Do not breathe vapors. Ensure fresh air entry during application and drying. Close container after use. Avoid contact with eyes and skin. Wash thoroughly after handling. First Aid: If swallowed, do not induce vomiting. Call physician immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention. If case of eye contact, flush immediately with plenty of water and get medical attention; for skin, wash thoroughly with soap and water. Keep out of reach of children.

Before working with this product, read and become familiar with information concerning hazards, proper use and handling. MSDS is available on line at:

eclecticproducts.com/msds/duratuff_english.pdf; to request an MSDS, please send an e-mail to msds@eclecticproducts.com or call 800.333.9826.

LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products, Inc., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.