

# Technical Data Sheet



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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 rocks, 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
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.
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.  
**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.

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## CLEAR COAT POLYURETHANE LIQUID PROTECTION

- SURFACE PREPARATION** (continued) **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 **ALWAYS TEST A SMALL AREA BEFORE FULL USE.** Apply only on dry surfaces.
  - Step 4 Remove all grease, wax, paint, paint remover, or other contaminants.
  - Step 5 Sand surface smooth and wipe clean with tack rag.
  - Step 6 Brush (natural bristle) or spray (with condenser or airless) DURA-TUFF 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 lip from sticking to container, wipe lid and rim clean and apply thin layer of paste wax to these surfaces.
  - Step 9 Under average (70 °F) conditions, Dura-Tuff Clear Coat dries tack free in 2 to 4 hours. If more than eight hours has elapsed between coats, sand the previous coat.
  - Step 10 Brushes or spray equipment may be cleaned in lacquer thinner. A light sanding between coats is recommended. Additional coats can be applied when surface is tack-free.
- COVERAGE** Approximately 50 square feet per pint; 100 square feet per quart.

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### HEALTH and SAFETY

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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](http://eclecticproducts.com/msds/duratuff_english.pdf); to request an MSDS, please send an e-mail to [msds@eclecticproducts.com](mailto:msds@eclecticproducts.com) or call 800.333.9826.

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**LIMITED WARRANTY**

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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.