



Manufactured by:  
**Eclectic Products, Inc.**  
Pineville, LA 71361

Made in the USA

800.767.4667 - Technical Services

[www.eclecticproducts.com](http://www.eclecticproducts.com)

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# TECHNICAL DATA SHEET

**Famowood® Dura-Tuff®  
Clear Coat**

## PRODUCT DESCRIPTION

**FAMOWOOD® 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. Apply to virtually any surface including wood, brass, epoxy, steel, fiberglass, iron, slate, bronze, tile, aluminum, copper, stone and concrete for lasting protection.

## PRODUCT CHARACTERISTICS 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 and tile and restores seamless floors  |
| Scratch resistant | Protects aluminum, brass, copper and bronze   |
| UV resistant      | Works as a superior protective sun shield over any epoxy resin coating                                      |
| Shelf life        | Approximately 1 year  |

## PHYSICAL PROPERTIES

|                        |   |
|------------------------|---|
| Color/gloss retention  | No change (ASTM D-1544)   |
| Viscosity              | 0.5 - 1.1 (# strokes)   |
| Tensile strength       | 3,100 psi   |
| Tear strength          | 82 psi  |
| Elongation             | 100%  |
| Mandrel flexibility    | Passes 1/8"   |
| Impact resistance      | +160 inch/lbs. (ASTM-D-256-54T)                                 |
| Durability             | No change (6 months, 45° south, Florida, cedar & aluminum)      |
| Taber abrasion index   | 26 mg. (mg. weight loss, 1,000 gms, 1,000 cycles, SC 17 wheels) |
| Solids content         | 40%   |
| Tack free time         | 1½ - 2½ hours @ 70 °F (21 °C)                                   |
| Cure Time              | 2 to 7 days (depending on temperature)                          |
| Flash point-seat flash | 73 to 99°F / 23 to 37 °C (ASTM D-3278)                          |
| Weight/gallon          | 7.93 - 8.03 @ 77 °F/25 °C (ASTM D-1475)                         |

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## DIRECTIONS FOR USE and APPLICATION NOTES

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Please read all directions before using. Test a small area before full use.

### Brushing:

- Step 1** Use natural bristle brush on a short bristle pad.
- Step 2** Apply in one direction (avoid back and forth motion).
- Step 3** Additional coats can be applied when surface is tack free.
- Step 4** A light sanding between coats is recommended.

### Spraying:

- Step 1** An airless system is recommended with 0.011 to 0.013 nozzle size.
- Step 2** If using siphon cup arrangement with air compressor, all water filters must be in good working condition.
- Step 3** Air spray-siphon 0.070 nozzle and 10 to 12 cfm aircap.

For technical assistance, call 800.767.4667.

- Use in well-ventilated area only. Avoid breathing vapors. Wear gloves and appropriate skin protection.
- Best when used between 70 and 85 °F (21 and 29 °C).
- Dura-Tuff® coating is slippery when wet. For walking or stepping surfaces, non-skid granules must be added.
- 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.
  - 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.

## HAZARDS

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This product contains xylene and cellosolve acetate. Before working with this product, read and become familiar with information concerning hazards, proper use and handling. To request an MSDS, please send an Email to [msds@eclecticproducts.com](mailto:msds@eclecticproducts.com) or call 800.333.9826.

## LIMITED WARRANTY

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The product is warranted against any defect in materials or workmanship under normal use and service 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 71360 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.