



# Pettit Technical Bulletin

## Jet Drive Application Process

The following system is recommended for prepping and painting modern jet-drives. As with all paint systems, the quality of the product's adhesion depends on the surface it is applied to. Make sure all surfaces are clean and properly prepped as per the directions on the product's label. Further information can be found on our Product Data Sheets or at [pettitpaint.com](http://pettitpaint.com).

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### Previously Painted Jet Drive Aluminum Housings in Good Condition

- ✓ Prep aluminum housing by cleaning with a Scotch-Brite™ pad or 80-grit sandpaper and wipe clean
- ✓ If necessary, spot prime with Tie Coat Primer (#6627)
- ✓ Apply Hydrocoat Eco Antifouling Paint (#1804)
  - ✓ Apply 2 thin coats using brush, roller, or spray

#### Hydrocoat Eco Dry Times (Hours)

Temp	Touch	Recoat	Launch
90° F	1/4	1-1/2	12
70° F	1/2	3	16
50° F	1	6	48

*Note: There is no maximum dry time before launching*

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### Jet Drive Aluminum Housings in Poor Condition

- ✓ Prep aluminum housing by sandblasting all components back to clean metal, eliminating any previous coating, oxidation and corrosion
- ✓ Wipe all surfaces with 120 Brushing Thinner
- ✓ Apply Aluma-Protect 2-Part Epoxy Primer (#4400/4401) within 1 hour
  - ✓ Mix contents of A&B - 1:1 ratio
  - ✓ Wait 15 minutes after mixing to apply (Induction time @70° F)
  - ✓ Apply 1 coat (2 coats if surface is pitted\*)
  - ✓ Refer to dry times below to right
- ✓ Apply Pettit-Protect High Build Epoxy Primer (#4700/4701)
  - ✓ Mix contents of A&B – 3:1 ratio
  - ✓ Wait 15 minutes after mixing to apply. (Induction time @70° F)
  - ✓ Apply 2 coats. Refer to dry times below.
- ✓ Apply Hydrocoat Eco Antifouling Paint (#1804)
  - ✓ Apply 2 thin coats using brush, roller, or spray

#### Aluma-Protect Dry Times (Hours)

Temp	Recoat	Launch
90° F	1 to 24	48
70° F	4 to 96	72
50° F	8 to 192	120

*Note: If recommended intervals are exceeded, sand thoroughly with 80 grit sandpaper before proceeding*

#### Pettit-protect Dry Times (Hours)

Temp	Recoat	Bottom Paint	Launch
90° F	2	3 to 6	48
70° F	3	5 to 8	72
50° F	6	7 to 10	120

*Note: Above recoat times are minimums. Pettit-Protect High Build Epoxy Primer should be recoated within 14 days*

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### Jet Drive Impeller and Stainless Steel Rings

- ✓ Prep Impeller and Stainless Steel Rings by sandblasting or clean with wire brush, Scotch-Brite™ Roloc™ disc, or sandpaper to clean metal, eliminating any previous coating, oxidation, and corrosion
- ✓ Wipe clean
- ✓ Apply Prop-Coat Barnacle Barrier (#1792)
  - ✓ Shake can vigorously for several minutes and in between coats
  - ✓ Spray 3 thin coats holding can upright 12-16 inches from surface, slightly overlapping each stroke (Shake can between coats)

Allow no more than 5 minutes between two or three thin coats of Prop-Coat Barnacle Barrier; otherwise allow to dry 1 hour before applying additional coats. Allow 6 hours before launch

*Tip: Clean up all overspray before it dries hard with 120 Brushing Thinner.*