

# POSEIDON EXTREME

## TECHNICAL DATA SHEET

A-PEXT

**A 2-part primer and clear topcoat system that offers osmosis-prevention, full-performance, biocide-free fouling-release hull protection for use on fresh and saltwater vessels.**

### PRODUCT DESCRIPTION

Poseidon Extreme is our full system hull protectant that comes with an epoxy primer that prevents osmosis and hull blistering, paired with Hull Pro, our clear performance topcoat.

Our system's ultra-smooth finish produces less vessel drag, providing an increase of vessel speed up to 15% and a reduction in fuel costs by up to 10%.

Unlike traditional bottom paints or anti-fouling coatings, Poseidon Extreme contains no biocides, is non-sacrificial and non-ablative. It won't create microplastics or release harmful biocides into the environment.

Using Poseidon Extreme provides both a protective base layer to protect structural integrity on vessel hulls, and a performance topcoat that help your vessel look its best, extend its lifespan and retain its resale value.

### COMPATIBLE SUBSTRATES

- Gelcoat
- Aluminum
- Steel
- Brass
- Bronze

### PRODUCT INFORMATION

#### Available Packaging

### ADVANTAGES

- Epoxy primer prevents osmosis and hull blistering
- Biocide-free topcoat
- Durable – won't chip off on boat lifts
- Fouling-release topcoat formula
- Performance topcoat increases speed by up to 15%
- Save up to 10% on fuel costs
- Easy to clean and maintain
- Self-leveling formula
- Helps retain vessel resale value

### USES

- Vessel hulls

#### Storage Conditions

32oz Primer Kit (Part A & B) + 17oz Topcoat Kit (Part A & B)

Store dry at 40-95 °F (4-35 °C)  
Store in a well-ventilated area.  
Keep cool and away from direct sunlight, open flame, or heat.  
Keep container tightly closed.

## ***POSEIDON EXTREME PRIMER TECHNICAL INFORMATION***

Type	Epoxy polyamide
Color	Tinted; Available in Black or White
Components	Part A (Base) & Part B (Hardener)
Mixing Ratio	4:1 A:B per volume
VOC Content	< 300 g/L
Solids by Volume	80%
Flash Point	> 140°F (60°C)

## ***HULL PRO TOPCOAT TECHNICAL INFORMATION***

Type	Silicone epoxy
Color	Transparent
Components	Part A (Base) & Part B (Hardener)
Mixing Ratio	4:1 A:B per volume
VOC Content	< 240 g/L
Solids by Volume	80%
Flash Point	> 140°F (60°C)

## ***APPLICATION INFORMATION***

Primer Coverage (for a single application)	32 oz kit - ~15 linear feet of vessel hull
Hull Pro Topcoat Coverage (for a single application)	17 oz Kit - ~15 linear feet of vessel hull
Application Temperature	41-95°F (5-35°C)
Substrate Application Temperature	41-95°F (5-35°C)
Poseidon Extreme Primer Maximum Pot Life	~45 min @ 68°F (20°C)
Poseidon Extreme Primer Touch Dry Time	~4 h @ 68°F (20°C)
Poseidon Extreme Primer Dry Through Time / Curing Time	~24 h @ 68°F (20°C)
Poseidon Extreme Primer Minimum Recoat Interval	~24 h @ 68°F (20°C)
Poseidon Extreme Primer Time Before Applying Topcoat	~24 h @ 68°F (20°C)
Hull Pro Topcoat Maximum Pot Life	~45 min @ 68°F (20°C)
Hull Pro Topcoat Touch Dry Time	~3 h @ 68°F (20°C)
Hull Pro Topcoat Dry Through Time / Curing Time	~24 h @ 68°F (20°C)
Hull Pro Topcoat Minimum Recoat Interval	~24 h @ 68°F (20°C)
Hull Pro Topcoat Minimum Time to Launch	~72 h @ 68°F (20°C) (48 hours after full cure)

## ***APPLICATION INSTRUCTIONS – POSEIDON EXTREME PRIMER***

### **EQUIPMENT**

The preferred method of application is either roller & brush or airless sprayer. See Application Guide for recommended tools.

### **SURFACE PREPARATION**

1. Wear protective gloves & gear before applying.
2. Ensure all mould-release agents, fouling or other contaminants are removed from vessel bottom.
3. FOR **GELCOAT**: Wipe down all gelcoat with Acetone using a microfiber cloth. Allow surface to dry.
4. FOR **CERAMIC**: Completely strip ceramic coating from the hull. We recommend a prolonged acid bath followed by a rough scuff of the surface below the waterline.
5. FOR **BOTTOM PAINT**: Sand and scuff any existing bottom paints on hulls.
6. Double tape the waterline and cover any electronics that you do not want coated.

## APPLICATION

1. Pour all of Part B into the Part A container. Completely mix Part A (Base) & Part B (Hardener) together
2. Stir well for a minimum of 1 minute.
3. Use a paint strainer to remove micro bubbles and strain into paint tray. Load roller or sprayer.
4. Roll or spray onto vessel bottom.
5. Any sections that cannot be reached by roller should be applied using a foam brush.
6. After applying to all surfaces, be sure to visually inspect all areas to correct for any sagging by tipping with a foam brush.
7. Remove tape 1 hour after application by pulling the tape downward for a sharp, clean line.
8. Allow Poseidon Extreme primer to cure for 24 hours prior to application of Hull Pro topcoat.

## APPLICATION INSTRUCTIONS – HULL PRO TOPCOAT

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### EQUIPMENT

The preferred method of application is either roller & brush or airless sprayer. See Application Guide for recommended tools.

### SURFACE PREPARATION

1. Wear protective gloves & gear before applying.
2. Ensure Poseidon Extreme primer is fully dry and has been allowed a full 24 hours to finish curing.
3. If you see that dirt or dust has accumulated on the primer coat, wipe down the hull below the waterline using Acetone and a microfiber cloth.
4. Ensure the hull is completely dry before proceeding to apply Hull Pro topcoat.

### APPLICATION

1. Pour all of Part B into the Part A container. Completely mix Part A (Base) & Part B (Hardener) together
2. Stir well for a minimum of 1 minute. We recommend using a power drill and spiral mixer at low RPM for kits 17oz and larger.
3. Use a paint strainer to remove micro bubbles and strain into paint tray. Load roller or sprayer.
4. Roll onto vessel bottom.
5. Any sections that cannot be reached by roller should be applied using a foam brush.
6. For a smooth high-gloss finish, tip with a foam brush within 2-5 minutes of roller application.
7. After applying to all surfaces, be sure to visually inspect all areas to correct for any sagging by tipping with a foam brush.
8. Remove tape 1 hour after application by pulling the tape downward for a sharp, clean line.
9. Allow Hull Pro to cure for 24 hours prior to moving vessel (depending on temperature and humidity).
10. Vessel immersion / launch time is 48 hours post-curing (72 hours post-application).

### POST-APPLICATION CARE

Everyone's water-type will differ, as will growth rates. Contact us if you have questions. We've got you covered and we're here to help!

- We recommend diving the vessel or power washing for cleaning every 3-6 weeks, depending on growth rate. Fouling

can be cleaned using a microfiber cloth, plastic scraper, or plastic bristle brush.

• Any minor barnacle growth can be scraped with a plastic putty knife or plastic scraper.

• For early stages of growth, simply wipe the coated hull with a microfiber cloth, whether fouling is easily visible or not.

• Do NOT use metal tools or rough abrasive scouring pads to clean a Hull Pro-treated vessel.

## SAFETY INFORMATION

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Always read the product SDS for safety instructions and precautions before use. Use appropriate safety equipment and job-site controls during handling, application, and storage.

For further information regarding transportation, handling, storage and disposal of chemical products, users should refer to the SDS.

## WARRANTY

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The information and recommendations provided are based on thorough research conducted by ourselves and others, and we believe them to be accurate. However, we do not guarantee complete accuracy because it is impossible to cover every potential application of our products or anticipate all variations that may occur in substrates, surfaces, job conditions, and application methods. It is the responsibility of purchasers to conduct their own tests to determine the suitability of our products for their specific purposes.

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