



# **Splash Zone™**

## Underwater Epoxy Mastic Coating

### **DESCRIPTION**

Five Star Marine® Splash Zone™ is a 100% solids, two component epoxy compound used to protect metal, wood and concrete against corrosion and deterioration from salt or fresh water. Five Star Marine® Splash Zone™ is designed for underwater or tidal zone placements.

### **USES**

Five Star Marine® Splash Zone™ is used to repair and protect concrete, steel, wood, fiberglass, and aluminum from salt and fresh water in splash zone, tidal zone, and waterline applications.

### **BENEFITS**

- Easy 1 to 1 Mix Ratio
- V.O.C. Compliant, 100% Solids
- Excellent Adhesion to Concrete, Steel and Wood
- Can be Applied Underwater
- Good Solvent and Chemical Resistance
- Excellent Abrasion and Impact Resistance

### **SIZING & CONFIGURATION**

Five Star Marine® Splash Zone™ is available in two-gallon units (7.6 liters) or ten-gallon units (37.9 liters) where 1 gallon will cover approximately 13 sq. ft. at 1/8" thick (125 mils) or approximately 6.5 sq. ft. at 1/4" thick (250 mils).

### **SHELF LIFE**

One year in original unopened packaging when stored in dry conditions at 50°F - 90°F (10°C - 35°C).

<b>Typical Properties of 70°F (21°C)</b>	
<b>Resin</b>	<b>Epoxy Polyamide</b>
Solids by Volume	100%
Mixing Ratio: A:B by volume	1:1
Pot Life	Approx. 30-40 Minutes
Elongation, D 638	1.64%
Cure Time	Dry to Touch (Approx. 2 hours)
Final Cure Time	7 Days
Color	Green (When Mixed)

*The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.*



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### Placement Guidelines

**Surface Preparation:** Surfaces must be clean, sound, and free of any marine growth, dirt, oxidation, rust or other band inhibiting contaminants. High-pressure water blasting or abrasive blasting of surfaces is recommended. Coast areas as soon as possible after surface preparation to minimize corrosion to newly prepared surfaces.

**Mixing Instructions:** Combine one part by volume Component A with one part by volume Component B (1:1 ratio) using gloved hands. Pre-wet gloves to avoid product from sticking during mixing. Mix and knead Component A and Component B together until a uniform olive green color is obtained. Apply material immediately after mixing. Apply by hand or trowel evenly in 1/8" to 1/4" lifts. Firmly work material into substrate, displacing air or water. Dampen trowel as necessary to prevent product from sticking during placement.

**Clean-up:** Paint thinner, acetone or similar solvent may be used for clean up tools and equipment.

*NOTE: PRIOR TO APPLICATION, READ ALL PRODUCT PACKAGING THOROUGHLY. For more detailed placement procedures, refer to Design-A-Spec™ installation guidelines or call the Five Star Marine, Inc. Engineering and Technical Service Center at (800) 338-3145.*

### Considerations

- Minimum application temperature of substrate is 50°F (10°C) and rising.
- Do not thin with solvents.
- When applied under water or brought in contact with water before cure, the product will develop a soft exterior layer. This exterior film facilitates further hardening of the material beneath.

### Caution

Irritant, toxic, strong sensitizer. Contains epoxy resin and amine. This product may cause skin irritation. Do not inhale vapors. Provide adequate ventilation. Protect against contact with skin and eyes. Wear rubber gloves, long sleeve shirt, goggles with side shields. In case of contact with eyes, flush repeatedly with water and contact a physician. Areas of skin contact should be promptly washed with soap and water. Wash thoroughly after handling. Do not take internally. Keep product out of reach of children. Keep container closed when not in use. **PRIOR TO USE, REFER TO MATERIAL SAFETY DATA SHEET.**

*For worldwide availability, additional product information and technical support, contact your local Five Star Marine, Inc. sales representative, or you may call the Five Star Marine, Inc. Engineering and Technical Service Center at (800) 338-3145.*

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