



FIVE STAR



Splash Zone™

Underwater Epoxy Putty Compound

DESCRIPTION

Five Star® Splash Zone™ is a 100% solids, two-component epoxy putty compound recommended for top-sealing of Five Star® PileForm™ F (FRP) jackets at, above, or below the waterline in fresh or salt water splash zones. It forms an excellent bond to concrete, steel, wood, aluminum, fiberglass and Five Star® PileForm™ F (FRP) jackets.

ADVANTAGES

- Easy to use 1:1 mix ratio
- No VOCs—environmentally sound
- Excellent adhesion to concrete, steel, wood, fiberglass and aluminum
- Can be applied underwater
- Resistant to solvents and chemicals
- Does not contain highly toxic Nonylphenol

PACKAGING AND YIELD

Five Star® Splash Zone™ is available in a 100 lb. kit (45 kg) packaged in two 50 lb. (22.7 kg) units with an approximate yield of 1.03 cubic feet (29.1 liters).

SHELF LIFE

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

Typical Properties of 70°F (21°C)			
Solids by Volume		100%	
Mixing Ratio by Volume (A:B)		1:1	
Color		Medium Gray	
Working Time		30 Minutes	
Dry to Touch		2 Hours	
Dry Hard		4 Hours	
Full Cure		7 Days	
Shore D Hardness (ASTM D2240)			
4 Hours		30-50	
1 Day		45-70	
Adhesion (ASTM D4541)			
Steel (Dry)	500 psi (3.5 MPa)	Fiberglass (Dry)	300 psi (2.1 psi)
Steel (Wet)	250 psi (1.7 MPa)	Fiberglass (Wet)	200 psi (1.4 MPa)
Adhesion (ASTM C1583)			
Concrete (Dry)	300 psi (2.1 MPa)		
Nonylphenol		0.00%	

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

* Note: Does not contain Nonylphenol which is an EPA and REACH Regulated Marine Toxin.

PLACEMENT GUIDELINES

To apply Five Star® Splash Zone, the minimum application temperature of the substrate should be 50°F (10°C) and rising. Do not thin Five Star® Splash Zone with solvents. When applied underwater or brought in contact with water before cure, the product will change color and develop a soft film.

- 1. SURFACE PREPARATION:** Surfaces must be clean, sound, and free of any marine growth, dirt, oxidation, rust or other bond-inhibiting contaminants. High-pressure water blasting or abrasive blasting of surfaces is recommended. Coat areas as soon as possible after surface preparation to minimize corrosion to newly prepared surfaces.
- 2. MIXING INSTRUCTIONS:** Using gloved hands (rubber or latex) combine one part by volume of Component A with one part by volume of Component B (1:1 ratio). Pre-wet gloves to avoid product from sticking during mixing. Mix and knead Component A and Component B together until a uniform medium gray color is obtained. To prevent adhesion, re-wet gloved hands only as necessary during mixing. Immediately after mixing, apply material by hand evenly in 1/8" to 1/2" lifts to desired thickness. Firmly work material into substrate, displacing air or water.
- 3. CLEAN-UP:** Paint thinner, acetone or similar solvent may be used for clean up tools and equipment.

For further questions, or if additional information is required, contact your local Five Star® Technical Sales Representative at 1-800-243-2206.

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 SAFETY DATA SHEET.**

SKU / PRODUCT CODE	DESCRIPTION	#UNITS/PALLET	UNIT SIZE
32305	Five Star® Splash Zone™ Compound	24	Resin (A): 50 lbs. (22.7 kg) Hardener (B): 50 lbs. (22.7 kg)

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Specifications Subject to Change.

For most current version of datasheet, go to FiveStarProducts.com

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