

# SPLASH ZONE

## A-788

- Two-part multi-purpose epoxy patching and repair compound
- So versatile, it has been called "The duct tape of the marine world"
- Use above or below waterline
- Excellent for underwater repairs



### TWO-PART EPOXY REPAIR COMPOUND

Splash Zone is an extremely hard, abrasion and impact resistant, two-part epoxy patching compound. It applies like putty to seal, fill, patch, or re-build aluminum, wood, concrete, fiberglass, and steel. It can be applied in or out of water to repair boat hulls, buoys, seawalls, docks, bridge abutments, and more.

Splash Zone provides excellent protection against corrosion of metals and erosion and deterioration of concrete or wood. Splash Zone's rock-hard surface can be drilled, tapped, or machined. Recommended for patching and repairing damaged underwater surfaces. Not for use in potable water.

### TECHNICAL INFORMATION

**NUMBER OF COATS:** 1**MINIMUM DRY THICKNESS:** 1/8" (125 mils)

Can be applied at up to 2" or greater thickness in one application as a grout, patch, surfacing material on horizontal surfaces, as a button patch on exposed bolt threads, etc.

*(There is no change in thickness as A-788 cures because it is 100% non-volatile)*

**COVERAGE TO ACHIEVE MINIMUM DRY THICKNESS:** 1/8" (125 mils) (25-26ft<sup>2</sup> per gallon unit = 2 gallons total volume)

**VOC:** 0 lbs/gallon

**CURE TIME IN AIR OR WATER AT 70°F:**

Begins to firm up within 2 hours; reaches full hardness in 6 to 8 hours. Curing is slower at lower temperatures. Will not cure and adhere properly at temperatures below 50°F. Do not apply unless temperature will remain above 50°F for at least 6 hours after application.

**COLOR:** Component A: Yellow Component B: Black. A and B Mixture: Olive Green.

**MIX RATIO:** One-part Component A;  
One-part Component B by volume.

**POT LIFE (WORK TIME) AT 70°F (ABOVE OR BELOW WATER):**

"Golf Ball" Size Mix: 40 min. max.

"Baseball" to "Softball" Size Mix: 30 min. max.

1/2 Gallon (Qt. Kit): 15 min. max.

*Work time is reduced by 1/2 at temperature of 80°F or higher. DO NOT mix more material than can be applied in the work times listed. Material may still be "workable" after work time limit has been exceeded, but it will not adhere properly after application and curing.*

**THINNER:** Do not thin.

**CLEANER:** 97 Epoxy Thinner

- Produces a rock-hard protective surface
- Provides excellent protection against corrosion of metals
- Stops erosion and deterioration of concrete or wood



**USE:** FOR MARINE USE ONLY. NOT INTENDED FOR USE IN THE HOME

A-788 Splash Zone Compound was originally designed to provide protection against corrosion of metals and erosion and deterioration of concrete and wood at, above and below the waterline in splash zones. It is used on steel or wood piling, pier supports, as a coating repair of boat hulls or buoys, and on any surface subject to erosion and corrosion in salt or fresh water. It is used for many patching and grouting applications that are not submerged, and on surfaces which subsequently are buried in soil. A-788 can be mixed and applied underwater and will cure underwater as well as in air. It adheres to any clean sound surface, either wet or dry, including aluminum, galvanized steel, steel, concrete, wood, fiberglass and existing coatings. It cures to an extremely hard coating which is abrasion and impact resistant, and which will substantially retard further erosion or corrosion. A-788 is also solvent and chemical resistant when cured. It has been used as a grout and to patch perforated steel in tanks and pipelines holding mineral spirits, xylol (xylene), gasoline, acids, alkalis, hot water solutions (up to 160°F). Tanks must be clean and dry of their contents in order to use A-788. It will not cure properly in acidic or alkaline water solutions outside a pH range of 6 to 9, or in contact with solvents. Water pressure at a leak will push through A-788 before it cures; drain tank or relieve line pressure before making repair. For larger patches (greater than 1/2"), use a rigid material, such as a steel plate or sheet of fiberglass, slightly larger than the hole, for additional support. Bed the support material in A-788, then coat with A-788. Not for use in potable water.

**SURFACE PREPARATION:** Remove all dirt, oil, grease, loose paint, rust, rotted and spalling concrete, rotted wood, marine growth and other interference materials. Adhesion of A-778 will only be as good as the cleanliness and soundness of the substrate. Sandblasting is preferred. High-pressure water blasting is acceptable. Scraping and other manual means of surface preparation are time consuming and of limited benefit. Sandblasting underwater can be done as the initial air blast will clear a path through water for the sand-air mixture. When working at splash zone or in salt water, coat cleaned metal surfaces as soon as possible to minimize new corrosion.

**MIXING INSTRUCTIONS:** Mix by hand or with putty knife. (Some people may be sensitive to epoxy or polyamide resins - wear tight fitting rubber gloves). Keep hands and material wet with water during mixing. Scoop a quantity of one component from can by hand. Scoop out an approximately equal quantity of the other component. Mix and knead material by hand until the yellow and black components have combined to make a uniform olive-green color. Apply immediately after mixing; no sweat-in time is required before using.

**APPLICATION:** Apply by hand. (Wear rubber gloves if sensitive to epoxy or polyamide resins). If applying to dry surfaces in air, periodically re-wet hands with water to facilitate application. Spread smoothly on surface in 1/8" to 1/4" layer using heavy hand pressure to displace water and air bubbles. Smooth off by hand. When starting another handful, start spreading at and away from the previously applied film so as not to trap air bubbles or leave an area of uncoated surface. When used as a patch or grout, force material into hole or crack and smooth by hand to the thickness needed. For marine applications in the splash zone, use all necessary safety precautions to protect the applicators. Wear wet suits if necessary to help preserve body heat; use life jackets and safety lines. Avoid working in excessively rough seas. When applied underwater or when wetted with water during application, the surface of A-788 will form an emulsified lighter green "scum" layer. This is normal. The emulsified layer facilitates application. The film under the layer remains undisturbed and will cure properly. The layer will cure, and most will become part of the finish if cured above water. The layer will remain soft and uncured if the A-788 is kept underwater during cure.

**PRECAUTIONS:** FOLLOW PRECAUTIONS LISTED ON A-788 LABEL.