



# Epoxy.com Product #707

## Splash Zone and Underwater Paste

### DESCRIPTION

Epoxy.com Product #707 Splash Zone Coating and Underwater Paste is a moisture-insensitive, two-component, 100% solids epoxy-resin system. When mixed at a 1:1 ratio, by volume, this product produces a paste-like material that is ideal for protection or restoration of concrete, steel and timber piles and other structural elements in marine environments.

### ADVANTAGES

- Convenient 1:1 mixing ratio
- Long pot life
- Hand-applied
- Bonds to wet surface
- Resists wave action
- Restores structural integrity

### PHYSICAL PROPERTIES

Consistency	Paste
Color	Standard Gray (Other colors available upon "special order" request)
Compressive Strength ASTM C-579 Method B	24 hours - 4000 psi 72 hours - 6400 psi 7days - 7200 psi
Bond Strength ASTM C-882	2000 p.s.i
Tensile Strength ASTM C-307, 7 days	1200 psi
Water Absorption ASTM C 413-01	0.32%
Direct in Situ Bond (Underwater)	50 psi min
Shrinkage ASTM C-883-80	No Shrinkage Used with concrete
Pot Life	2 hours @ 70° F
Dry to Touch	36 hours @ 50° F 24 hours @ 70° F 16 hours @ 90° F
Minimum Recoat Time	36 hours @ 50° F 24 hours @ 70° F 16 hours @ 90° F

## MIXING

Material temperature should be a minimum of 60°F for ease of mixing. Mix "A" & "B" Components together, by hand, until a uniform gray color is achieved.

## SURFACE PREPARATION

Remove all deteriorated material, barnacles or other marine growth by mechanical abrasion, water or sand blasting. To avoid contamination, apply **PRODUCT #707** to prepared surface as quickly as possible.

## APPLICATION

For best results, apply **PRODUCT #707** by hand using tight-fitting rubber or plastic gloves. (Wet gloves with slightly soapy water before working with material.) Press material onto surface and knead into place in maximum lift thickness of approximately 2". Smooth gently by rubbing with gloves using water as a lubricant.

## LIMITATIONS

Do not thin **PRODUCT #707**. Since water conditions and content vary greatly, it is recommended that a sample application be made to ensure the intended performance. Do not apply when water or ambient temperature is below 50°F.

## COVERAGE

One (1) gallon of **PRODUCT #707** will yield 231 CI and cover 12.8 SF @ 1/8" thickness 125 mil.

## PACKAGING

This product is packaged in four (4) gallon and ten (10) gallon units.

## SHELF LIFE

Two (2) years for Components "A" and "B".

## Notes:

### CAUTION

Contains A Component contains epoxy resins. B Component contains organic amines which are strong sensitizers. **WARNING!** May cause skin sensitization, burns or other allergic responses. Avoid inhalation of vapor. Use good ventilation, particularly if material is heated. Prevent all contact with skin and eyes. Wear protective clothing, goggles and/or barrier creams. Wash thoroughly after handling. **FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least fifteen (15) minutes. Remove contaminated clothing before re-use. Discard contaminated shoes.

### **FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN**

For more information please contact:

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