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Splash Zone Coating and Underwater Epoxy Paste

Product #OSVX765

DESCRIPTION

Product #OSVX765 **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
- Available in a Fast Cure
- Hand-applied
- Can be used above, below, or at the waterline
- Resists wave action
- Restores structural integrity

- Bonds to wet surface

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

Mix only as much as you can use within 2 hours or less at 70 degrees F. If the temperature is higher your working time will be much shorter. It is always better to start with smaller batches and to gradually increase the size, to be sure that you have enough working time. 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. Typically the better the surface preparation, the better the bond. To avoid contamination, apply **OSVX765 Splash Zone Coating and Underwater Paste** to prepared surface as quickly as possible. It is always best to do a mockup to verify that your surface preparation is adequate.

APPLICATION

For best results, apply **Product #OSVX765 Splash Zone Coating and Underwater Paste** 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. For smaller areas you can use a concrete grout bag.

LIMITATIONS

Do not thin **Product #OSVX765 Splash Zone Coating and Underwater Paste**. Since conditions 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 #OSVX765 Splash Zone Coating and Underwater Paste** will yield 231 CI and cover 12.8 SF @ 1/8" thickness 125 mil.

PACKAGING

Product #OSVX765 Splash Zone Coating and Underwater Paste is packaged in four (4) gallon and ten (10) gallon units.

SHELF LIFE

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

CAUTION

Product #OSVX765 Splash Zone Coating and Underwater Paste 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.

Proper mixing and installation is critical to the optimal success of all product. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

Epoxy.com

A Division of [Epoxy Systems, Inc](#)

20774 W. Pennsylvania Ave.

Dunnellon, Florida 34431

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USA

Customer and Technical Support Hours: 9AM-4PM Eastern Time (6AM-1PM Pacific Time).

Closed 12 Noon-1PM Eastern Time for Lunch

321-206-1833 Customer Service - Ordering and Order Status

Katey Fontaine, VP - Customer Service Director

sales@epoxy.com

Technical Support

352-533-2167 Norm Lambert, President - Technical Support Director

info@epoxy.com

352-489-1666 Accounting and Administration

Debby Lambert, CEO, and CFO

office@epoxy.com

352-489-1625 Fax line to all Departments



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