



Epoxy.com Product #8100

Under Water Mortar

DESCRIPTION

PRODUCT #8100 Underwater Mortar is a non-water separable grout or concrete that requires merely the addition of potable water at the job site and is mixed to the desired consistency. It may then be pumped or poured in water without any wash-out (separation) of the cement paste from other constituents.

ADVANTAGES

PRODUCT #8100 Underwater Mortar offers great economy when compared to two-component grouting materials. **PRODUCT #8100 Underwater Mortar** is ready-to-use; just mix with potable water to the desired consistency. **PRODUCT #8100** does not require the careful and cumbersome placement of tremie pipes and the continual concern with the maintenance (during placement operations) of the tremie seal required with the use of conventional portland cement mortars or grouts. **PRODUCT #8100** can be pumped or poured in confined or unconfined areas.

PHYSICAL PROPERTIES

Color Concrete Gray

Age at Test Compressive Strength (ASTM C-109)

24 hours 1,500 psi (10.34 MPa)

3 days 2,000 psi (13.79 MPa)

7 days 3,000 psi (20.68 MPa)

28 days 5,000 psi (34.47 MPa)

Length Change ASTM C-157 0

HOW TO USE

All deteriorated concrete should be removed by waterblasting or chipping to sound concrete. **PRODUCT #8100 Underwater Mortar** can be mixed with up to 1.5 gallons (5.3 L) of water per 50 lb. (23 kg.) bag, and will produce an extremely flowable, yet non-shrinking grout. Be sure temperature after mixing is no less than 50 F.

COVERAGE

Each 50 lb. (23 kg.) bag will yield approximately .40 cu. ft. (11,326 cm³) of grouting mortar at a pourable consistency.

LIMITATIONS

PRODUCT #8100 Underwater Mortar should not be used at temperatures below 40 F.

CAUTION: Contains Portland Cement and Silica Sand. Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin; wash exposed areas promptly with water. If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water. Get prompt medical attention! Dust harmful if inhaled. Use with adequate ventilation. Avoid breathing dust.

Notes:

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

For more information please contact:

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