



PileMedic™ UW Grout Additive

Description

PileMedic™ UW Grout Additive is a powder admixture that when added to Portland cement or mortar helps minimize washout when placed underwater. PileMedic™ UW Grout Additive also improves the bond strength of the fresh concrete to submerged concrete and steel. PileMedic™ UW Grout Additive should be used in any concrete application to reduce bleeding, segregation, and improve the cohesiveness of the mix. While creating stiffer more thixotropic concrete, the mix can still be easily placed by pumping and vibration.

Uses/Advantages

- Produces concrete mixes resistant to washout.
- Reduces segregation and laitance on concrete placed underwater.
- Increases compression and bond strength of concrete placed underwater.
- Creates a cohesive, thixotropic mix, yet can easily be pumped and vibrated.

Packaging

Dosage: 20 lbs. per cubic yard of concrete.

Shelf Life & Storage

Shelf life of unopened pails stored in a dry facility is 12 months. Excessive temperature differential and/or high humidity can shorten the shelf life expectancy. Store in a cool, dry area away from direct sunlight.

Mix Ratio

Add 1-20 lb. Pail per cubic yard of concrete at the jobsite into ready-mix truck. Mix completely for 5 to 10 minutes or until a lump free homogeneous consistency is achieved.

Note

Addition rates for PileMedic™ UW Grout Additive are based on a 6.5 – 7.0 bag cement mix. Use super plasticizer as required to achieve an approximate w/c ratio of .40 - .45 with a 4-6 slump. When properly mixed the concrete mix will appear to have a stiff consistency, but flow easily by inducing any pressure or force (i.e. vibration or pumping).

Placing

Mixed concrete should be placed to minimize any free drop through water and should be placed in continuous process. A tremie process provides optimum results. Keep the discharge tube submerged in the fresh concrete whenever possible.

Caution

Contains Portland Cement and sand. Cement will cause irritation. Avoid contact. A dust respirator, safety goggles, and rubber gloves are recommended. Avoid prolonged contact with clothing. In case of contact with eyes, immediately flush with water for at least 15 minutes. Get prompt medical attention. Do not wear contact lenses when working with this product. DO NOT take internally. Keep out of reach of children. Avoid hazards by following all precautions found in the Safety Data Sheet (SDS), product labels, and technical literature. Please read this information prior to using the product.

First Aid

Appropriate Personal Protective Equipment (PPE) should be worn at all times when handling product. Consult SDS for more information.

Certificate of Compliance

Safety Data Sheet (SDS) will be supplied upon request and is included with each shipment.

The Infrastructure Innovators

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