

Multi Pre-Packed Under water Gunnite

Natural aggregate, High Strength, Non Shrink, water proof
Gunnitable mortar. Packed in 25kg bags.

Description

Multi Pre-Packed Gunnite is a Pre-mixed ready to use Gunnitable water proof mortar blend. The product consists of a graded silicious sand blended with Portland cement (52.5), proprietary chemicals, fibres, waterproofing additives and set controlling materials to achieve controlled setting and workability characteristics with no shrinkage.

Typical Applications

- * Repairs to heavy wear areas such as water canals.
- * Repairs to areas that are water logged
- * Repairs to areas that has running water
- * Repairs to concrete surfaces
- * Material must be applied as a low slump mortar mix.

Advantages

- * Economical
- * Can be applied in wet areas
- * Easy to use and apply
- * Concrete appearance
- * High final strengths
- * Bonds well to existing concrete surface

Typical Properties

- * Non Shrink
 - * Operating temperatures - 10°C - 40°C
 - * Cement water ratio constant at the recommended water content
- Water demand: 5.5 - 6.0L / 25kg bag
Storage Life: Up to 1 year when stored under cover and in dry condition

Mixing Instructions

Preparation

- * All equipment must be free of grease, oil and dirt
- * The area to be repaired must be cleaned of all dust, sand and grime.
- * The wet areas need to be properly washed with water to expose the area to which the water proof Gunnite must be applied.

Gunnite Application

- * Pour approximately three quarters of the required water into the mixer
- * Slowly start the mixer and gradually add the powdered product
- * As the paste stiffens add the balance of the required water to form a slurry that will be pumped onto the water/damped surface
- * The mixed product must then be transferred into a suitable Gunnite application machine, equipped with the correct pressure to ensure that the product paste is transferred to the wet surface area

- * Using a straight edge, strike off the excess Gunnite and level the wet surface using a standard steel trowal.
- * let the Gunnite material harden on its won even if it is confined under water.
- * No curing compound will be required since the damp conditions will act as a curing membrane.
- * The strength development of Multi 1038 under water Gunnite is dependent on the water demand of the product (.L/25Kp) wet conditions into which the product has been sprayed, temperature of the environment and the duration of the product insitu.
- * The 28 day strengths will range between - Mpa at a water demand of ____L / 25 kilogram bag.

Watch Points

- * Site tests should be determined on the desired placing consistency.
- * Excess water demand will render the repellency againts water and affect the final strengths of the finished Gunnited product in place
- * Continuous Gunniting of the product is strongly recommended in order tyo prevent the inclusion of water in the Gunnited product.
- * Do not use contaminated water or water in an amount not specified.

Cleaning Instructions

- * Clean all mixing and application equipment with water immediately after use, to prevent material front setting in the equipment

Packaging

Multi Pre-Packed 1038 under water Gunnite is supplied in 25 kilogram water resistant Polypropylene bags

Guarantee

The product is guaranteed when use in accordance with correct product application and instruction procedures. For further technical information, please contact MCC LIMPOPO

Quality Assurance

Multi Pre-Packed 1038 underwater Gunnite is manufactured under strict quality control procedures and tested in accordance with proven quality testing procedures and standards.

Environmental and Safety Precautions

Multi Pre-packed 1038 under water Gunnite contains Portland cement and is alkaline on contact with water.



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Multi Pre-Packed Under water Gunnite

- * Avoid splashing into eyes or contact with skin.
- * Use the required protective clothing, gloves and goggles.
- * In case of eye contact, flood eyes repeatedly with water.
- * Wash hands thoroughly after handling.