

# **ROCKBOND UNDERWATER ANTI-WASHOUT POWDER (UWA2201)**

## **Under water admixture for grouts & concretes**

### **DESCRIPTION**

ROCKBOND UNDERWATER ADMIX 2201 (RB 6.09) powder is a blend of admixtures which have been specially formulated to mix and produce underwater grouts and concretes. The powder contains a system of anti wash-out agents, water reducing agents. And anti bleed agent, a stability aid to prevent segregation under pressure, and a compressive strength enhancer. The powder is ready to use, packaged in 25kg durable bags and 4 kg plastic punnets with a shelf life of 1 year.

### **SPECIAL PROPERTIES**

- The complete admixture for underwater flowing materials.
- Quality Assured to British Standards 5750.
- Packaged for convenient handling.
- Minimises “fog” or dispersion when placed or poured underwater.
- Extremely stable, and will not disintegrate, segregate or bleed.
- Readily pumpable and stable under pressure.
- Will not retard at high dosages.
- Contains no deleterious substances.
- Non-flammable, non-toxic and safe to use.

### **USES**

- To produce quality underwater grouts and concretes from site batched materials.
- To produce cementitious materials which are washout resistant when brought into contact with water or running water.
- To produce cohesive, mobile and flowing underwater grouts and concretes which are self levelling and self compacting.
- To produce chemically resistant, durable marine grouts and concretes.
- Seawater and fresh water concrete repair and protection.
- For use in flowing cementitious materials for the repair and consolidation of water retaining structures, dams, pillars and piers.
- Materials involved with waterlogged foundations, anchorages, pilings, conduits, pipes and sewers.

### **MIXING INSTRUCTIONS**

The dosage rate is normally 1% by weight of the cement powder contained in the mix: 1 kg of UNDERWATER ADMIX 2201 (RB 6.09) per 100 kg cement powder. Add the admixture to the mix water; let the powder disperse for 30 seconds. Add the remaining ingredients of the mix and mix until homogeneous.

### **APPLICATION PROCEDURE**

Carry out and finalise any preparation necessary before mixing and applying grouts or concrete. Ensure that all surfaces with which the grout or concrete comes into contact with are clean and free of marine growth. The use of a water jet will produce a good and strong substrate on which to apply the material.

Mix the ingredients, pour and place. Tremie the material into place wherever possible, and endeavour to produce a continuous flow.

## HEALTH AND SAFETY

Rockbond Special Concrete Products are non-toxic and safe to use. However, when the powders come into contact with water or moisture, a strong alkali is liberated. Wear protective clothing and a dust mask while mixing and applying the material

## TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team:

## CONTACT DETAILS

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