

TECHNICAL DATA SHEET

STABILISING & ANTI-WASHOUT ADMIX (A2201)

Additive for stabilising fluid grouts & concrete

DESCRIPTION

Admix 2201 (RB6.09) powder is a blend of admixtures which have been specially formulated to mix and produce stable fluid grouts and concretes that don't segregate under pressure and are wash-out resistant. The powder contains a system of anti wash-out agents, water reducing agents, an anti bleed agent, a stability aid and a compressive strength enhancer. The admix is ready to use, packaged in 25kg plastic lined cartons or 10kg plastic pails with a shelf life of 1 year.





SPECIAL PROPERTIES

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

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.
- As a stabilising agent for highly fluid grouts been used in pressure applications.
- For use in flowing cementitious materials for the repair and consolidation of water retaining structures, dams, pillars and piers.
- Materials for 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 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 the grout or concrete. Ensure that all surfaces with which the grout or concrete comes into contact with are clean and free of marine growth. Use a high pressure water jet to produce a good and strong substrate on which to apply the material.

Add the appropriate amount of admixture to the mix water and let the powder disperse. Mix the remaining ingredients pour and place. Tremie the material into place if possible, and endeavour to produce a slow continuous flow.

For the production of ready mixed concrete: add the admixture to the mix water in the truck at the plant by spreading the powder evenly over the aggregate on the aggregate belt.

For the application of high strength mortars and non-flow concretes, use Rockbond Admix 2101 (A2101) for non-flowing cementitious materials.

For the application of mortars and non-flow concretes that require an early strength development, especially at low temperatures, use Rockbond Admix 2301 (A2301) for non-flowing, accelerated cementitious materials.

For the application of high strength grouts and flowing concretes when a quick early strength is required, or when ambient temperatures are low, use Rockbond Admix 2401 (A2401) for flowing, accelerated cementitious materials.

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: +64 4 568 5401**