

TECHNICAL DATA SHEET

SUPER PLASTICISING POWDER(A201)

Super Plasticising admixture for grouts & concretes.

DESCRIPTION

Admix 201 powder is a blend of admixtures which have been specially formulated to mix and produce high workability grouts and concretes. The powder will produce fluid grouts and free flowing concrete mixes at very low water/cement ratios of cementitious mixes by 30% or more. The admixture is ready to use, and can be dispersed in water, or pre-mixed with the cement. The material is packaged in 10kg Pails with a shelf life of 2 years.





SPECIAL PROPERTIES

- Each batch produced is tested and quality assured.
- Contains no deleterious substances
- Packaged for convenient handling.
- Quickly mixed and dispersed in water.
- 4kg of admixture will treat 4.8 m³ of ready mixed concrete.
- Very efficient: can be used at low dosages – less than 0.25% by weight of the cement content of the mix
- Produces grouts and concretes at extremely low water/cement ratios.
- Will not retard or entrain air at high dosages.
- The admixture has a long shelf life and will not suffer frost attack.
- Non-flammable, environmentally friendly, non-toxic and safe to use.

USES

- For use with ready mixed concrete.
- To produce quality grouts and concretes from site batched materials.
- To decrease the water content of cementitious mixes.
- To maximise the fluidity and penetration of cementitious grouts.
- To increase the workability and produce free flowing concretes.
- To accelerate early strength development at low temperatures.
- To maximise ultimate tensile, compressive and mechanical strengths.
- For use in concrete for load bearing and structural applications.
- To produce chemically resistant, durable grouts and concretes.

MIXING INSTRUCTIONS

The powder can be dispersed in water or pre-mixed with the cement. The dosage rate is normally 0.5% by weight of the cement powder contained in the mix: 0.5kg of ROCKBOND ADMIX 201 (RB 6.00) 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.

Alternatively, for the treatment of ready mixed concrete: the concrete ingredients can be added to the water in the truck at the plant, and then the admixture added to the back of the truck on site. The concrete is mixed for a few minutes prior to discharge.

APPLICATION PROCEDURE

Carry out and finalise any preparation necessary before mixing and applying grout or concrete. Mix the ingredients, pour and place.

HEALTH AND SAFETY

Rockbond Special Concrete Products are non-toxic and safe to use. However, use the same precautions as with any cementitious product: wear protective clothing, goggles 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**