

**FORMULATORS, MANUFACTURERS AND CONSULTANTS OF  
SPECIAL CONCRETE PRODUCTS**

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Email: [info@rockbond.co.uk](mailto:info@rockbond.co.uk) Website: [www.rockbond.co.uk](http://www.rockbond.co.uk)ROCKBOND ADMIX 1501GHIGH PERFORMANCE ADMIXTURE FOR NON FLOW CEMENTITIOUS MATERIALSDESCRIPTION:

ROCKBOND ADMIX 1501G (RB A1501G) powder is an grey ultra fine cementitious powder which, when added to Portland cementitious mortars and concretes, radically improves the performance of the material in both its plastic and hardened states. ROCKBOND ADMIX 1501G improves the consistency, strength and durability of non flow cementitious materials. The powder is ready to use, supplied to order, packaged in moisture proof, durable bags and has an indefinite self life.

SPECIAL PROPERTIES:

- \* Rockbond Admix 1501G is grey and is designed for grey Portland cementitious mixes and Rockbond Admix 1501W is white and is designed for white Portland cementitious mixes.
- \* Can be packaged in water soluble bags for easy use and convenient handling.
- \* Ultrafine: produces a fine blend of Portland cement.
- \* Improves the performance of mixes containing Portland cement, blastfurnace slag, PFA, various cementitious binders, slaked lime, aluminous and refractory cements.
- \* Produces composite cements which are cohesive, thixotropic, non slumping, non-bleeding and dense.
- \* Helps to prevent wash-out of the cement and breakdown of materials in underwater applications.
- \* Enhances the tensile and compressive strengths of Portland cementitious materials. Improves resistance of the hardened cement to vibration, impact and abrasion.
- \* Reduces the porosity, increases the impermeability and durability of Portland cement materials. Produces homogeneous, low chemically reactive, low alkali cements.
- \* Eliminates alkali silica reactions, and reduces carbonation with Portland cement.
- \* High yielding, economical, non flammable, non toxic, odour free, user friendly and safe to use.

USES:

- + To improve the consistency and application rates of non flow cementitious materials.
- + For use to prevent bleeding and segregation, and for use as a pumping aid.
- + As an additive to produce high strength concrete for structural applications.
- + To increase the wear resistance of concrete floors and structures.
- + For use in concrete to protect steel from corrosion in chemically aggressive environments.
- + For marine concrete, chemical and fertiliser plants, food factories, dairies, and abattoirs.
- + To reduce or eliminate alkali silica reaction ASR ("concrete cancer") in concrete construction.
- + For use in underwater concrete and underwater concrete repairs.
- + For durable concrete exposed hostile and extreme changes of climate.

MIXING INSTRUCTIONS:

ROCKBOND ADMIX 1501G cementitious materials are mixed with water using a ROCKBOND CONCRETE STIRRER (RB CS), an electric power tool (1kW) and a ROCKBOND 25 LITRE MIXING CONTAINER (RB 25LMC). Use a ROCKBOND FORCED ACTION PAN MIXER (RB FAPM) to mix larger amounts of the material.

## ROCKBOND ADMIX 1501G (RB A1501G) HIGH PERFORMANCE ADMIXTURE.

### MIXING INSTRUCTIONS CONTINUED...

ROCKBOND ADMIX 1501G powder is added to and dispersed in the mix water. The dosage rate is normally 5% by total weight of cement contained in the mix: 5kg of the ROCKBOND ADMIX 1501 powder per 100kg of cement.

### APPLICATION PROCEDURE:

Carry out and finalise any preparation necessary before mixing and applying the mortar or concrete.

Start the mixer. Add the appropriate amount of the ADMIX 1501 to the mix water, and let the powder disperse. Add the remaining ingredients of the mix, and mix until homogeneous.

For white non flow Portland cementitious mixes, use ROCKBOND ADMIX 1501 WHITE (RB A1501W).

For grey fluid grouts and flowing concretes, use the ROCKBOND ADMIX 1601G (RB A1601G) HIGH PERFORMANCE ADMIXTURE. For white fluid grouts and flowing concretes, use ROCKBOND ADMIX 1601W (RB A1601W)

### HEALTH, SAFETY AND STORAGE:

ROCKBOND ADMIX 1501G powder is non toxic and safe to use. However, use the same precautions as with any cementitious product: wear goggles, protective clothing and a dust mask while mixing and applying the material. Consult the relevant MSDS for further details. Store in a cool, dry, dark place.

### FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

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### IMPORTANT NOTE:

ROCKBOND SCP LTD provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liability can be accepted for any damage or loss arising from the use of ROCKBOND SCP LTD literature or its products, because the company has no continuous control on how the products are mixed, placed or cured.

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