

FORMULATORS, MANUFACTURERS AND CONSULTANTS OF  
SPECIAL CONCRETE PRODUCTS

NEWTONS FARM ESTATE, WISSINGTON, NAYLAND, SUFFOLK, CO6 4LX

Telephone: 01206 265116 Fax: 01206 265117

Website and e-mail at: [www.rockbond.co.uk](http://www.rockbond.co.uk)

## ROCKBOND ADMIX 101 POWDER

### NON FLOW ADMIXTURE FOR CEMENTITIOUS MORTARS AND RENDERS

#### DESCRIPTION:

ROCKBOND ADMIX 101 (RB A101) powder is a ready to use blend of compatible admixtures which has been specially designed to produce non flow, thixotropic, non slump, non bleed mortars and renders. The compound can be premixed with cement, or be dispersed in water, and will produce non flow materials that are quickly and easily worked and placed. The admixture is packaged in 25kg durable bags and has a shelf life of 2 years.

#### SPECIAL PROPERTIES:

- \* Can be packed in water soluble bags for convenient handling and mixing.
- \* Contains no deleterious substances.
- \* Quickly mixed and dispersed in water.
- \* Will produce cementitious mortars and renders that are quickly worked and placed.
- \* Thixotropic: ROCKBOND ADMIX 101 modified materials will “liquefy” when worked, but, when applied, will quickly gel, stiffen and stay in place.
- \* ROCKBOND ADMIX 101 mortars, renders and non flow concretes will not readily slump, or suffer plastic settlement.
- \* Economical, non flammable, non toxic, user friendly and safe to use.

#### USES:

- + Will produce quality mortars and renders from site batched materials.
- + For use in mortars and renders that have low cement contents.
- + To accelerate the set of green mortars and renders.
- + To speed up the time involved with application and finishing.
- + To effect and enhance high build situations.
- + Can be used in non flow concretes to produce a low slump and high build products.
- + To minimise adverse affects associated with slumping and bleeding.
- + For use in mortar mixes for the laying, placing and pointing of bricks and blocks.
- + To promote pleasing and aesthetic finishes to mortars and renders.

#### MIXING INSTRUCTIONS:

ROCKBOND ADMIX 101 (RB A101) powder can be dispersed in the mix water. The dosage rate is normally 1% by weight of cement powder contained in the mix: 1kg of ROCKBOND ADMIX 101 per 100kg of cement powder. Add the powder to the water while mixing, and let the admixture disperse. Add the remaining mortar or render ingredients and mix.

Site batched mortars and renders, using ROCKBOND ADMIXTURES FOR CEMENT AND CONCRETE, are mixed with water using a ROCKBOND 25 LITRE MIXING CONTAINER (RB 25LMC), a pneumatic or electric power tool (1kW), and a ROCKBOND STIRRER (RB S). Use a ROCKBOND FORCED ACTION PAN MIXER (RB FAPM) to mix larger amounts of material.

## ROCKBOND ADMIX 101 (RB A101) CONTINUED...

### APPLICATION PROCEDURE:

For the application of mortars and renders: careful and proper preparation of the concrete substrate is essential if a successful material is to be placed.

Thoroughly and completely abrade the surface where necessary to produce a sound substrate with a good mechanical key. All traces of contamination must be removed. Vacuum clean or blow away all dust and debris.

On weak, friable or porous substrates, use ROCKBOND PRIMER LATEX (RB PL) to penetrate, consolidate and seal the surface. With a brush or a soft broom, brush the latex completely and evenly over the surface. Work the latex well into the substrate. Pay particular attention to the edges of the repair, and brush the liquid at least 25mm beyond the perimeter of the repair area. Let the latex dry out, usually 15 to 20 minutes depending on conditions.

If the substrate requires a primer, or to enhance the bond, apply a second coat of latex to the first coat. Normally, 1 litre of ROCKBOND PRIMER LATEX (RB PL) will treat 5m<sup>2</sup> of concrete surface with 2 coats of latex.

Mix and apply the mortar or render.

Once the material is in place and has gained sufficient strength, apply ROCKBOND CURE (RB C) at the rate of 10m<sup>2</sup>/litre. During adverse curing conditions, repeat the procedure.

### HEALTH AND SAFETY:

ROCKBOND ADMIX 101 (RB A101) powder is non toxic and safe to use. However, use the same precautions as with cementitious products: wear goggles, protective clothing and a dust mask while mixing and applying the material.

### FURTHER INFORMATION:

Gilbert Cox BSc,  
Technical Director,

Rockbond SCP Ltd.,  
NEWTONS FARM ESTATE,  
WISSINGTON, NAYLAND,  
SUFFOLK, CO6 4LX  
England.

Telephone: 01206 265116  
Facsimile: 01206 265117

Website and e-mail at:  
[www.rockbond.co.uk](http://www.rockbond.co.uk)

### 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.

MARCH 2006