



## OVERVIEW

**BITOGRIP RB5** is a thixotropic cold-applied rubberized bitumen emulsion, a single-component dark brown liquid, which dries to provide a flexible, resilient protective coating.

## PROPERTIES

- **BITOGRIP RB5** combines the waterproofing benefits of bitumen with the elongation and crack-bridging benefits of rubber latex. The result is a durable flexible membrane for all waterproofing applications. Curing and waterproofing can be completed in one application.
- **BITOGRIP RB5** is a single-component, solvent-free material.
- Nonflammable and nontoxic
- Resistant to chloride and sulfate attacks.

## AREAS OF USE

**BITOGRIP RB5** is suitable for protecting all types of concrete and many adhesive applications. Waterproofing below ground structures provides an impervious membrane. As a highly effective vapor sealer and curing compound. For a sandwich membrane in new floors specially formulated waterproof and coating for foundations, floors/walls internal and external. It is also highly effective as an adhesive for wood blocks, wood mosaics, insulation boards, cork tiles, and expanded polystyrene.

## Method of Application :

**BITOGRIP RB5** can be applied by brush, roller or squeegee.

## Coverage :

The coverage rates vary according to the density, Porosity and texture of the concrete to be treated. Typically a coverage rate of 2-3 m<sup>2</sup> / liter for two coats.

## Note :

Drying time depends on the surface & atmosphere condition.

## PRODUCT MANAGEMENT

### Surface Preparation

Surface must be clean and free from dirt, dust, rust or any other material which may impair adhesion. Porous surfaces such as concrete and fiber reinforced cement should be primed using **BITOGRIP RB5** diluted 1:4 with clean water. Old concrete and steel must be structurally sound prior to application.

### Foundation Protection

**BITOGRIP RB5** can be applied directly to green concrete immediately after the shutters have been removed. Two coats should be applied at right angles ensuring complete coverage of the area. Clean sharp sand can be used to increase DFT.

### Sandwich Construction

Apply two coats of **BITOGRIP RB5** onto the smooth, clean concrete sub floor @ 1m<sup>2</sup> / liter / coat. Whilst the second coat is still tacky, blind with clean sharp sand to give protection against foot traffic and provide a key subsequent screed. Ensure that the membrane is taken up the walls to marry with the damp proof course and the dried film is not damaged. Lay the screeds to a minimum 50mm thickness and allow drying thoroughly before laying floor covering.

### Surface Treatment to existing floors:

Apply a priming coat @ 7.5m<sup>2</sup> / liter by diluting one part **BITOGRIP RB5** with 4 part clean, cold water. Allow to dry thoroughly. Apply two coats **BITOGRIP RB5** Super @ 1m<sup>2</sup> / liter /coat, taking each coat upto joint with existing DPC. Ensure the dried film is not punctured or damaged before floor covering is laid.

**Note:** Floor covering containing high amounts of solvent or plasticizer should not be laid over **BITOGRIP RB5**.

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading Co. LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.



## Packaging and Storage

Up to 12 months in manufacturer's sealed containers stored in a cool and dry place Available in 20kg and 200kg container. Reseal the container after use and ensure product is stored as instructed on the label.

## Health & Safety :

**BITOGRIP RB5** contains no hazardous substances; however it should not be allowed to come into contact with skin and eyes. Wear suitable protective gloves and goggles whilst handling. When in contact with the skin and eyes, wash thoroughly and immediately with warm water. If swallowed seek medical attention. For more details, please refer to the MSDS released on each GRIPMIX product.

## TECHNICAL DATA

Appearance	Dark Brown liquid dries to black flexible membrane
Flash Point	Non-Flammable
Solid Content	35%
Rubber Content	6% Min in DFT
Specific Gravity	1.01 @25oC
Ph	10.0-12.0
Application Temp	+50C to 600C
Dry Time	2-3 hours
Over Coating Time	3 hours Min
Standards Complies	ASTM D2939 & BS 8102