



OVERVIEW

BITOGRIP RB10 is a thixotropic cold-applied rubberized bitumen emulsion, single component dark brown liquid, which dries to provide a flexible, resilient coating.

PROPERTIES

- **BITOGRIP RB10** 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 RB10** is a single-component, solvent-free material.
- Nonflammable and nontoxic.
- Resistant to chloride and sulphate attacks.

Appropriation :

BITOGRIP RB10 suitable for protecting all types of concrete and many adhesive applications. Tanking and waterproofing below-ground structures provide an impervious membrane As a highly effective vapor sealer and curing compound. For a sandwich membrane in new floors specially formulated water proofer and damp proofer for foundations, floors, walls, and roofs. It is also highly effective as an adhesive for wood blocks, wood mosaics, insulation boards, cork tiles, and expanded polystyrene.

Method OF Application :

BITOGRIP RB10 can be applied by brush, roller or squeegee. A minimum of 2 coats should be applied

Coverage :

The coverage rates vary according to the density, Porosity, and texture of the concrete to be treated. Typically a coverage rate of 2m² / liter for two coats will give 300 microns DFT. Minimum recommended coverage is 2 - 4m²/ liter.

Note :

Drying time depends on the surface & atmosphere condition.

Product Management :

PREPARATION OF SURFACE

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 RB10** diluted 1:6 with clean water. Old concrete and steel must be structurally sound prior to application. Steel should be blasted and treated. Foundation protection: **BITOGRIP RB10** Super 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 RB10** Super onto the smooth, clean concrete subfloor @ 1m² / 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 that the dried film is not damaged. Lay the screeds to a minimum of 50mm thickness and allow them to dry thoroughly before laying the floor covering.

Surface treatment to existing floors:

Apply a priming coat @ 7.5m² / litre by diluting one part **BITOGRIP RB10** with 6 part clean, cold water. Allow to dry thoroughly. Apply two coats **BITOGRIP RB10** @ 1m² / liter/coat, taking each coat up to joint with existing DPC. Ensure the dried film is not punctured or damaged before the floor covering is laid.

Note :

Floor covering containing high amounts of solvent or plasticizer should not be laid over **BITOGRIP RB10**

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.



Packing & Storage :

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

Health & Safety :

As with all chemical products, caution should always be exercised, such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. 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	60%
Rubber Content	10% Min in DFT
Specific Gravity	1.04 ± 2%
Ph	10.0-12.0
Application Temp	+50C to 600C
Dry Time	1-3 hours
Recovery at 350% elongation	>50% (ASTM D412)
Standards Complies	ASTM D2939 & BS 8102