



OVERVIEW

GRIPSEAL RB is a single component; Polymer modified bitumen cold applied elastomeric joint sealant with selected grade of bitumen with fast drying solvent. It is non-slump sealant with excellent adhesion to concrete, brickwork, asphalt and most construction materials. **GRIPSEAL RB** is black in colour, is a blend of rubber and high quality bitumen carried in a hydrocarbon solvent to improve the application properties and exhibiting a no slump consistency, cures to by solvent release to form a tough flexible water proof seal.

PROPERTIES

- Economical and single component
- Versatile joint sealant
- Excellent adhesion and bonding properties
- Oxidization resistant and durable
- Ready to use component without any preheating
- Contains good expansion and contraction properties
- Heat stable and doesn't melt at high temperature
- Can be used with spatula or gun
- Designed for permanent immersion in water.

Appropriation:

- Sealing structural joints concrete pavements, bridges and building structures, both horizontal and vertical where medium level movements are expected.
- It can be used for roof flashing, counter flashing roof tile joints
- Sub ways and basement structures
- Sewage disposal / sea walls and irrigation canals

Product Management :

Surface Preparation :

Joint surface should be cleaned and free of dirt, grease or oil. Surface must be completely dry and frost free before applying. Where expansion joints are subject to hydrostatic head, **GRIPSEAL RB** requires support from compressible filler.

Application Procedure :

To enhance the adhesion prime the porous surfaces, allows the primer to cure 2hours. Pour the sealant directly to the joint. In case of joints subjected to continuous immersion, priming is recommended.

Masking :

Prior application of primer and sealant, cover face edges of the joints with masking tape to protect the building surfaces and remove the same immediately after the sealing work complete.

Application Method:

Can be applied with a trowel or spatula. Ensure that the sealant fills the entire volume of the joint. Immediately tool the joint with the spatula or trowel to effect total contact with joint surfaces. The cartridge pack can be applied with standard sealant gun. For larger areas pressurized application may be used. After application smoothen and press sealant into the joint surfaces by using a spatula or putty knife moistened with cleaning solvent.

Priming :

Under normal circumstances priming is not required. However, for very dusty surfaces, it is advisable to apply on coat. Similarly for joints subject to continuous immersion, priming is recommended

Cleaning :

Tools and equipment used should be cleaned with hydrocarbon solvent.

Packing and Storage :

GRIPSEAL RB is available in 20 Kg Pail . Shelf life is 12 months in closed can be stored in a dry and cool condition.

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.



Coverage Estimation :

Depth of joint in mm	Width of joint in mm							
	6	10	12	15	20	25	30	40
6	27.7	16.6	13.8	11.1	8.3	6.6	-	-
8	-	12.5	10.4	8.3	6.2	5	4.1	-
10	-	10	8.3	6.6	5	4	3.3	2.5
12	-	-	6.9	5.5	4.1	3.3	2.7	2
15	-	-	-	4.4	3.3	2.6	2.2	1.6
20	-	-	-	-	2.5	2	1.6	1.25

Health & Safety :

GRIPSEAL RB 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 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	Smooth, Viscous Paste
Color	White and Grey (other colors available on request)
Specific Gravity @20oC	1.3
Service Temp	-40oC to 80oC
Elongation	>900%
UV Resistance	Excellent
Shore A Hardness	+25
MAF	+ 25% in a butt joint
Adhesion to Concrete	>2 N/mm ²