



GAR-RBE 610 EMULSION

MULTI-PURPOSE RUBBERIZED BITUMEN EMULSION WATERPROOF COATING

DESCRIPTION

GAR-RBE 610 is a premium quality rubber modified waterproofing or damp proofing coating with high bitumen composition and 10% rubber content in dry film. Specially formulated with Styrene Butadiene Rubber (SBR) polymer for durability and flexibility.

CHARACTERISTICS

- Durable, elastic and joint free coating VOC free and non-flammable
- Applicable at high thickness on vertical surface without any sag or flow
- Good resistant to soil chemicals like chlorides and sulfates
- Good adhesion on most substrates.
- No health or environmental hazard
- Odorless, safe to apply in poorly ventilated or confined areas
- Easy to apply. Cold applied. No additional heating is required, highly thixotropic and high viscosity

AREA OF APPLICATION

- Waterproofing basements and retaining walls
- Damp proofing and vapor barrier for building facades prior to cladding
- Maintenance of concrete, cement, metal or wooden roofs
- Maintenance of existing built up roof Bathrooms, showers, kitchens and other wet areas
- For water tanks, general waterproofing, vapor barrier and damp proofing of concrete structures, roofs, walls, decks and floors
- Water proofing of concrete substructures and block works waterproofing.
- Adhesive for polystyrene insulation boards, wood mosaic or tiles

METHOD OF APPLICATION

- A. Conditioning and preparation of substrate**
 The surfaces are thoroughly clean to remove all loose flakes, dust particles and cement laitance (for new concrete). Surface defects like potholes and pinholes on building facades on the concrete repaired with an appropriate concrete repair mortar. Do not start application when raining or there is impending rain.
- B. Priming**
 On new concrete surfaces, the bitumen coating directly applied without applying a priming coat. However, it is highly recommended to apply a priming coat on all old and highly porous substrates for improving the adhesion of the subsequent coats.
- C. Topcoat**
 Application of GAR-RBE 610 applied by a suitable applicable squeegee or brush. The coating applied in a minimum of two coats for optimum performance. The coverage rate will vary depending on the area of application and the nature of protection required. When applying multiple coats, all subsequent coats apply when the previous coat has dried off completely.
- D. Protection of applied coating**
 As the coating is bitumen based, it is extremely important to protect the applied coating especially on foundations from damage from ongoing site activities. Appropriate measures (e.g. 150micron polyethylene sheet) to cover and protect the coating.
- E. Cleaning**
 Clean all tools after use with clean water or with a solvent when hardened.
- F. Drying Time**
 Dry to touch 1-4 hours | Overcoat after: 4-6 hours | Full Dry: 2-4 days *Depending on humidity and temperature



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QATARI منتج
 PRODUCT قطري



AN ISO 9001:2015, ISO 14001:2015
 & ISO 45001:2018 Certified Company

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➤ COVERAGE

Protective Coating: 0.6-0.9 Kg/m² per coat
 Waterproof Coating: 1.0-1.5 Kg/m² per coat (600microns dry film thickness)
 1.8 Kg/m² for 1mm dry film thickness
 Recommended to apply 2 coats minimum

➤ HEALTH / SAFETY

GAR-RBE 610 is a VOC free product. It is non-hazardous to health and environment. However, as a precautionary measure, and to avoid sticking of the bitumen to hands and skin, we recommended gloves and safety goggles. In case the bitumen stain on skin splashes to eyes, wash the affected area with plenty of fresh water immediately.

➤ SUPPLY, STORAGE & SHELF LIFE

GAR-RBE 610 is available in 15-18 Kg pails and 200 Kg drums. Pails or drums should always be stored in dry and shaded areas. The product should be away from exposed direct sunlight or near to any source of heat. The product shelf life is up to 12 months when stored as per recommendation. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

PROPERTY	UNIT	RESULT	METHOD
Appearance	--	Dark brown	In-house
Solid contents	%	60± 5	2939
Rubber Content in Dry Film	%	10	ASTM D 1475
Density @ 25°C	Kg/L	10-1.1	In-house
pH	--	10-12	In-house
Heat flow Resistance @100°C ±3°C	--	Cured film is non-flowing & non-sagging under service conditions.	ASTM D2939
Low heat resistance	°C	0	ASTM D 2939
Service temperature	°C	0-+50	In-house
Flammability	--	Non-flammable	--
Drying time	Hrs.	1-4	ASTM D 2939
Coverage	Kg/m ²	0.6 to 0.9 Kg/m ² / Coat depending on the substrate.	--

NOTE:

- Extra products and details provided upon request.
- All the rights to change the above values remains to **GAR WATERPROOFING & BITUMEN FACTORY** due to their constant improvements towards better and quality products.
- This publication automatically supersedes all previous publications relating to this product.
- The information and, the recommendations relating to the application and end-use of Gar products, are in good faith based on Gar's current knowledge and experience of the products when properly handled, stored, and applied under normal conditions in accordance with Gar's recommendations, and applicable specifications. However, no warranty or representation of law or act with respect to such information.



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