



GARPRIMER WATER BASED (WB)

ASTM D 2939 QCS-2014

DESCRIPTION

GARPRIMER WB IS a cold applied, water based stable bituminous primer compound containing high quality selected bitumen and emulsifying agents. Used as a roofing, damp proofing and waterproofing surface dressing to masonry or concrete to improve the bond of bituminous materials.

USES AND APPLICATION

GARPRIMER WB is suitable for asphalt roofing, damp proofing and water proofing below or above ground level. Specifically designed for application to concrete, masonry, metal and asphalt surfaces. Used as primer coat to receive membrane or liquid asphalts and asphalt products. Before applying GARPRIMER WB, the surface must be clean and free from moisture, oil, grease and any other foreign matters. After stirring GARPRIMER WB, apply by brush, roller or spray equipment then allow dry naturally. When localized discolored patches appear, recoat to achieve a uniform black finish.

COVERAGE

Approximate rate: 0.3-0.5 kg/m². The exact rate depends on the porosity and smoothness of the prepared surface. Coverage rate of 8-10 m²/kg per coat for smooth steel surfaces.

HEALTH AND SAFETY

Health & safety. Workers should wear protective masks, gloves and goggles during application. The primer can be removed from equipment and tools with water while wet or any suitable petroleum solvent such as gasoline or kerosene when dry.

PACKING AND STORAGE

Packed in 200L drums and 20L pails; other packages are available upon request. GARPRIMER WB when kept 5 to 45 °C. Away from direct sunlight in original sealed container in a shaded area. It has a shelf life of 12 months.

Properties	Units	VALUES		Test Method
		Minimum	Maximum	
Appearance: Wet Dry	****	Dark Brown Black		In -House
Solid Content	%	30	--	ASTM D2939-98
pH , Test with meter	****	10	12	ASTM E 70
Specific Gravity at 25 °C	****	0.95	1.1	ASTM D2939
Drying Time to Touch	Hours	1	4	ASTM D2939
Drying Time to Through	Hours	-	24	ASTM D 244
Miscibility with water	*****	3 to 1 dilution, 2 hours		ASTM D 244
Flammability	*****	Non- flammable		In-house
Resistance to Salts & Acids	*****	Excellent		In-house
Adhesion to Concrete Surfaces	*****	Excellent		In-house
Solubility in trichloroethylene	%	97.5	-	ASTM D 2042

- 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.
- 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 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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