

# Primertech WBR

A bitumen/rubber latex emulsion - surface applied applied, flexible, damp and vapour-proof liquid membrane.

## DESCRIPTION OF PRODUCT

Primertech WBR is a brown colour high-quality waterproofing based on emulsion bitumen, modified with selective rubberized. it is a good performance waterproofing that applied over concrete and masonry surfaces. Primertech WBR has excellent resistance to water, and some chemical materials.

## PRIMARY USES

- Foundation for tanks and waterproofing structures: to provide an impervious waterproof membrane on concrete and brick.
- Floors: to provide a sandwich membrane in new construction or a surface treatment.
- Walls: for interior and exterior walls.
- ROOFS: used for many types of roofs including built-up felt, asphalt, lead, zinc, aluminium, concrete, lightweight screeds, timber, slate, corrugated iron and as a vapour barrier.
- As an adhesive: for bonding wood blocks and wood mosaics, insulation board, expanded polystyrene, and cork tiles.
- General damp proofing of concrete foundations that are in contact with groundwater good adhesion on the surfaces can be applied by brush, roller and trowel on horizontal and vertical surfaces.

## COMPOSITION

Primertech wpr is thixotropic cold applied bitumen emulsion with added selective rubber.

## COVERAGE

4-6m/kg/coat (depending on the surface condition and surface type).

Primertech can be applied directly to concrete surfaces cured, utilising non-degradable curing compounds, such as InsuKure A.

## PACKAGING

Primertech WBR is available in 200kg drums.

## STANDARDS

Emulsified asphalt prepared with chemical emulsifying agent ASTM D1227, type 3, class.

## APPLICATION PROCEDURE SURFACE PREPARATION

Primertech WBR may be applied by brush or squeegee. All surface which primertech WBR is applied must be sound, stable with an even finish and free from dust, loose debris, grease, etc. it may be applied to damp but not waterlogged surfaces. Hot, very dry or porous surfaces should be dampened with a priming coat before primertech WBR is applied, where subsequent coats are to be applied, the first coat must be dry.

## BELOW GROUND PROTECTION

Primertech WBR may be applied to green concrete immediately after shuttering has been removed. Blind the first coat with clean sharp sand to afford higher dry film thickness and aid monitoring layer applications.

## EQUIPMENT CARE

Before Primertech WBR has dried clean tools using soapy water. If dried, remove by scraping remove by scraping and clean with paraffin white spirit.

## TYPICAL PROPERTIES

PROPERTIES	RESULTS	TEST METHOD
Appearance	Brown /Black liquid Drying to black film	—
Density at 25°C	1.1±0.02	ASTM D-70
PH	9-11	DIN 18195 Part 2
Solid content%	55(±5%)	ASTM D 2932-03
Ash content%	25(±10%)	ASTM D 2932-03
Water resistance (24hour)	No leakage	ASTM D 2932-03
Expansion	400	
Initial drying time	2-4 hour	—
Final drying time	22-24 hour	—
Adhesive force	Pass	—
Time Between coats	3-4 hour	—

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### SPECIFICATION CIAUSE PRIMERTECH WBR

All areas indicated shall receive 2 or 3 coats, as recommended, of a high build rubber/Bitumen Emulsion, such as Primertech WBR, as manufactured by Insumat's Solutions, or similar approved.

### COVERAGE

1 - 3 m<sup>2</sup>/kg/coat depending on substrate porosity.

### EQUIPMENT CARE

After use, if the Primertech has not dried, it may be possible to clean tools using soapy water. If the Primertech has dried, remove as much as possible by physically scraping and then remove remainder with paraffin, white spirit or solvent.

### STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates, the product must be stored in an air-conditioned environment.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult Insumat's Technical Services Department.

### SHELF LIFE

Up to 12 months if stored according to manufacturer's instructions in unopened containers.

### SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

### NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information, contact Insumat's representative.

Insumat reserves the right to have the true cause of any difficulty determined by accepted test methods.

### QUALITY STATEMENT

All products manufactured by Insumat Egypt, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, standard.

\* Properties listed are based on laboratory controlled tests.

Actual measured data may vary due to circumstances beyond Insumat's control.

Manufacturing Insulating Materials and Products Company

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