



# PRIMERTECH-R

DIN 18195 Part 2

## DESCRIPTION :

**PRIMERTECH-R:** Rubberized Bitumen Emulsion cold applied primer waterproofing coating for existing roofs, tanks, basement and bathroom.

## FIELDS OF APPLICATION:

- Water-proof coating for concrete, ground bathroom and basement against vapour and water.
- Water-proof coating for foundation, below-grade walls against pressure of underground water and aggressive salts.
- Anti-rust for machines and car elements.
- To produce bitumen mortar water-proofing to use in insulating materials for structures against high pressure underground water.
- Additive for screeds and plastering cement mortar to increase its impermeability specially used in ground surface and plating.
- Adhesive for plastic sheeting, styro, foam, cork or concrete.

## RATE OF APPLICATION :

- Apply a primer coat of PRIMERTECH-R for water-proofing membrane, quantity 1/4 liter/m<sup>2</sup> from package diluted with water by ratio PRIMERTECH-R 1:2 water.
- As additive for cement 20 – 40 Liter/m<sup>3</sup>
- For water-proofing 1 – 2 Liter/m<sup>2</sup>

## APPLICATION :

- Stir PRIMERTECH-R to a homogeneous liquid before use.
- The surface must be thoroughly cleaned, and all dust, dirt, loose coating, oil, and grease removed.
- Apply a primer coat of PRIMERTECH-R diluted with water 1:2 or 1:3 according porosity and dampness of the surface.
- Allow to dry for one hour before subsequent application.
- It can be applied with a roofing brush, rollers or with sprayers to facilitate application. When applied with a roofing brush dilute PRIMERTECH-R with water 15-25%.
- To increase strength of normal cement mortar against vapour and water use the mixture PRIMERTECH-R diluted with water by 1:3 – 1:6 instead of using only normal water in mixture.
- To produce water-proofing low-shrink tough mortar use the following mix:  
\* 5kg cement + 12 Liter PRIMERTECH-R + 70 kg sand and add as much water to obtain the required workable consistency.
- Application tools should be moistened with water before use and at during application and should be thoroughly cleaned with water after use.
- A suitable layer should be made to protect PRIMERTECH-R against atmospheric conditions.

## TECHNICAL DATA

PROPERTIES	RESULTS	TEST METHOD
Density at 25 °C	1.00 ± 0.02	ASTM D-70
PH	9 – 11	DIN 18195 Part 2
Solid content %	55 (± 10%)	ASTM D 2932-03
Water content %	45 (± 10%)	ASTM D-95
Ash content %	10(± 10%)	ASTM D 2932-03
Water resistance (24 hour)	No leakage	ASTM D 2932-03
Initial drying time	1-2 hour	-----
Final drying time	22-24 hour	-----
Expansion	450	-----
Adhesive force	Pass	-----

**PACKAGING** : 15 Liters, and 180 Liters drums.  
**APPLICABLE STANDARD** : Complies with DIN 18195 Part 2.  
**SHELF LIFE** : 6 months if stored in good conditions and in undamaged containers.

NB: The above products data is subject to technical updating without prior notice due to technological research and development pursued by INSUMAT.

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