

## Elastomeric Liquids And Undercoating

**BTR 100** is a water-based bitumen emulsion used as primer in waterproofing. The application surface should be free of dust, dirt, rust and oil, and loose parts scraped.



### Places of Use

- Dampproofing exterior below-grade foundations and walls,
- As water isolation material in dry or slightly moist details such as terrace, kitchen, bathroom, etc.,
- As primer under bituminous coatings,
- As primer material and binder in fiber glass, canvas, etc. applications,
- As an additive improving tightness and adherence in the mortars and plasters formed by cement and/or fine sand,
- In order to prevent flexion of construction templates due to water and as template separator.

### Advantages

- As it does not contain solvent, it is environment friendly and can be easily used indoors.
- It can be applied on dry and damp surfaces.
- After drying, it forms a water and moisture proof layer on the surface of application.
- It is used as primer under bitumen coatings, and as an additive increasing tightness and

adherence in insulation coatings and cement based mortars.

### Surface Preparation

The application surface should be free of dust, dirt, rust and oil, and loose parts scraped. Pointed tips and sharp corners should be rounded.

### Mode of Application

Prior to applying the lining on surfaces to be insulated, surface smoothness, dryness and existence of sufficient slope finish should be controlled. When conditions are suitable BTR 100 is applied on the surface by means of a brush or spray gun so as to be 400 g per square meter and left until drying. When required, it may be used after diluting with water at a ratio of 20%. It dries within approximately 4 ? 5 hours, depending on the weather conditions. In double layer applications, the second layer should not be applied until the first one is completely dry. Application of bituminous membrane is started after the primer is completely dry.

### Consumption

Averagely 400 g/m<sup>2</sup>, depending on the smoothness of the surface of application.

### Packaging

Bitumer BTR 100 is presented in 15 kg (net) plastic packages.

### Storage Conditions

BTR 100 should be stored in a cool and covered place in a vertical position. It should not be exposed to sunlight.