



**Bitumen-emulsion road sealant R-FLEX BITAREL** is a highly elastic emulsion of petroleum bitumen modified with a synthetic material (latex rubber) with special additives for the restoration of cracks on the surface of the asphalt road surface, water-based.

### Appointment

- for maintenance of asphalt road surfaces;
  - for the device of longitudinal and transverse cracks 2-5 mm wide elastic sealing layer.
- Microcracks formed on the surface of the asphalt pavement are filled only on the surface with a semi-liquid protective composition.

### Method of application

The treated surface must be dried, cleaned of dirt, dust, sand, debris, grease and oil stains, cracks and irregularities must be sealed and leveled with repair mixtures. When preparing the material for work, a visual inspection of the factory packaging, opening, and thorough mixing is performed. If a container of sealant was used at a time and work formed a technological break, the mastic before use, mix again. Preparation of mastic should be carried out in an open area or in a ventilated area at a temperature not lower than +10°C. Fracture repair is carried out at temperatures above +10°C, and for full atmospheric stability must be left to dry (at least 6 hours).

Mastic bitumen-polymer emulsion repair can be applied both manually and mechanically.

### Manual way

Mastic bitumen-polymer emulsion repair is applied layer by layer with a brush or spatula with leveling special strokes.

Immediately after applying the mastic, sprinkle dry crushed stone 1/3 on the treated surface. After 2 hours, the allowable traffic on the surface-treated cement with crushed stone. In the future, drying and compaction occurs during the operation of the asphalt coating.

### Mechanical method

With the help of a movable hose (a combination of a sprayer and a nozzle), the material is applied under pressure and penetrates deeper into the crack and, at the same time, a uniform layer is applied to the surface. After application of mastic it is necessary to scatter crushed stone. For a uniform and even scattering of rubble, it is recommended to use a special carriage. It is allowed to use on wet grounds.

Name of indicators	The norm for R-FLEX BITAREL
Depth of cone penetration, 0,1 mm	20-50
Softening temperature, °C, no more	70
Flow resistance at 60 °C, 75°, 0.2 mm, not less	2,0
Elasticity, %	10-50
Water content, %, not less	50
Operating temperature limits	-20 °C ... +60 °C