

Bitarel

BITUMINOUS MATERIALS MANUFACTURE



**NOT INFERIOR
IN PROPERTIES TO ANALOGUES**



**INCREASES THE RELATIVE
ELONGATION OF SEALANTS
BY 3-4 TIMES**



ECONOMIC EFFICIENCY



DURABILITY OF SEAM



Bitagrunt BITAREL® Polymer primer

for deformation joints highways, bridges, and airfields

Name of indicators	Value
Mass fraction of non-volatile substances, %, not less	37
Density at (20±0,5) °C, kg/cm³	900±50
Adhesion strength to the base, MPa: — with cement concrete, not less — with asphalt concrete, not less	4,2 4,2
Adhesion strength of the bitumen-polymer sealant, MPa, not less	0,5
Conditional viscosity according to viscometer with a nozzle diameter of 4 mm at a temperature of (20±0,5) °C, s, no more	15
Drying time to degree 3 at (20±0,5) °C, minute, no more	30
Work on applying the primer must be performed at an ambient temperature not less, °C	5

PRODUCT DESCRIPTION

Bitagrunt polymer primer is a transparent liquid from yellow to yellow-red color, consisting of aromatic solvents and a set of thermosetting resins and polymers.

APPLICATION

For applying cement-concrete coatings of airfields and highways to the walls of deformation joints, as well as structural elements of bridge joints before sealing with bituminous-polymer sealants.

AVERAGE CONSUMPTION

0,16-0,24 kg/m².

PRODUCT APPLICATION

Works of sealing of deformation seams of coverings of airfields and highways are performed in dry weather at an ambient temperature not lower than 5°C. Before applying the primer, the surface of the joint must be dry and clean. The primer must completely cover the seam surface.

The average consumption of the primer is 0.16-0.24 kg/m². Applying an excessive amount of primer is not allowed. To apply the primer on the walls of the deformation seam, use a brush or roller, or a spray gun. Filling the joint with a sealant is performed after the primer has dried.

When thickening it is recommended to dilute it with solvents according to the manufacturer's recommendations (no more than 3% of the weight of the primer) to the conditional viscosity specified in the quality document and mix thoroughly.

OPERATING TEMPERATURE LIMITS

After filling with hot sealant, the operating temperature limits are identical to the operating temperature limits of the sealant.

PACKAGING

Plastic canister 30 liters.

STORAGE

Store in hermetically sealed containers in closed dry areas or places protected from direct sunlight and atmospheric precipitation.

SHELF LIFE

18 months in a tightly closed container.

PRECAUTIONARY MEASURES

It belongs to the group of inflammable materials.

TRANSPORTATION

All types of transport.

PRODUCTION:

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