# Adhesive additives for bitumen

## Adhesive additive Azol 1002 (amine type)

Highly effective adhesive additive cationic type. Does not contain solvents. The liquid, easily dosed. Non-toxic, it belongs to low hazardous substances. Recommended dose 0.3-0.5% of the weight of bitumen.

#### Adhesive additive Azol 1003 B (from natural raw materials)

The effective adhesion additive ampholytic type. Non-toxic, based on natural products and phosphatides of vegetable oils, it belongs to low hazardous substances. Recommended dose 0.5-0.7% of the weight of bitumen.

# Adhesive additive for warm asphalt Azol 1006 (amine type)

Added to the bitumen for the preparation of "warm asphalt mixes." Increases the water resistance of asphalt concrete slows down aging and can reduce the bonding temperature of preparation and laying of mixtures 30-40 °C, without degrading the properties of the asphalt. It is a liquid amine composition and special additives, non-toxic, the recommended dosage is 0.8-1.2% by weight of bitumen.

## Adhesive additive for warm asphalt Azol 1007 (from natural raw materials)

Added to the bitumen for the preparation of "warm asphalt mixes." Increases the water resistance of asphalt concrete slows down aging and can reduce the bonding temperature of preparation and laying of mixtures  $30\text{-}40\,^{\circ}$  C, without degrading the properties of the asphalt. It is a liquid composition, produced from natural raw materials. The recommended dosage is 0.8-1.2% by weight of bitumen.

It is not allowed to mix with the amine type product and the product produced from natural raw materials.

In addition, we produce equipment for automated dosage of adhesive additives.