

## Heat stable Adhesion Promoter for Hot mix asphalt DAD-KT

### Description

Thermally stable adhesion agent based on polyphosphoric acid ethers. Applied in road construction for improvement of adhesion of oil bitumen to aggregates consisting of both acid and basic rocks, keeps enhanced adhesion properties of hot oil bitumens for 7 to 10 days.

Liquid of light-yellow to light-brown colour, recommended for manual or automated adding to bitumen binder at an asphalt plant.

### Dosage

**Concentration of injection:** 0.1 – 0.5% of bitumen weight.

**Average efficient dosage of the preparation:** 0.25% of bitumen weight.

### Main Advantages

#### Lowered Concentration of Injection

Minimum concentration of injection of DAD-KT agent is just 0.1% of bitumen weight. Such low consumption of the agent allows to save transport costs and the storage space.

#### Interacts with Polymers Contained in PMB

Designed for modification of bitumen in bitumen plants, oil refineries, bitumen storage facilities, as well as for increasing of adhesion of polymer-modified binders (PMB), promotes dissolving of SBS-type polymers in bitumen.

#### No Strong Odour

DAD-KT has no ammonia odour common for amine adhesion agents.

#### Thermal Stability for up to 10 Days

As a result of chemical interaction of DAD-KT agent with components of hot bitumen, modifying properties increase and then stabilise and remain for several days, which allows to easily transport modified bitumen at long distances and simplifies approach to arrangement of work process with such binder

#### Adaptability and Ease of Application

The agent is adapted for manual and automated injection by means of dosing equipment.

### Specifications

Mass fraction of water and highly volatile substances not exceeding	5% mass
Viscosity at 60°C in accordance with VZ-5 no longer than	35 sek
Open-cup flash-point at least	232°C
Binder adhesion to the aggregate of the mixture in accordance with GOST 12801 at least	4 - 5 points

**Guaranteed storage life** is 1 year after manufacturing.

**Package** - in 216l plastic barrels or 1m<sup>3</sup> polymer containers.

