Selena
Advanced chemistry for highways

Technical datasheet

Adhesion Promoter for Hot and Warm Mix — cationic type DAD-K

Description

Surfactant based on polyamide-amines and imidazolines of fatty acids. Provides high degree of bitumen adhesion to different aggregates with high acidic properties. DAD-K improves and accelerates wetting and covering of the surfaces of mineral materials and thus increases adhesion of bitumen to filler.

Homogeneous dark-brown viscous-flow liquid recommended both for manual and automated injection into a bitumen binder in an asphalt plant.

Dosage

Concentration of injection: 0.15 – 0.5% of bitumen weight.

Average efficient dosage of the preparation: 0.3% of bitumen weight.

Main Advantages

Lowered Concentration of Injection
Minimum concentration of DAD-K agent injection is just 0.15% of bitumen weight. Such low consumption of the agent allows to save transport costs and the storage space.

Perfect Adhesion with Acid Rocks
Based on their chemical nature, amine cation-active adhesion agents provide stronger chemical bonds between bitumen and acid filler rocks as compared to other types of agents.

Active Adhesion
Allows to reach good adhesion even at high moisture content of used aggregate.

Thermal Stability
Keeps its properties and does not lose activity at continuous heating in bitumen (163°C) within 72 hours.

Specifications

Mass fraction of water and highly volatile substances not exceeding	0.5% 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 - metal barrels with volume of 216l or 52l and polymer containers with capacity of 1m³.

The specific nature of the raw materials used and the production technology have a significant impact on the end result. Our employees are ready to answer all your questions and assist you in selecting the optimal concentration of the additive for the specific composition of the asphalt concrete mixture.

+7(472)482-34-63
info@npfselena.ru
npfselena.ru
llc_selena