Selena
Advanced chemistry for highways

Technical Data Sheet

Thermally Stable Adhesion Promoter for Hot and Warm Mix Asphalt DAD-M

Description

Thermally stable adhesion agent based on fatty acid maleates. Applied in road construction for improvement of adhesion of oil bitumen to the aggregates consisting both of acid and basic rocks, keeps enhanced adhesion properties of hot oil bitumens for up to 5 days.

DAD-M is homogeneous brown viscous-flow liquid recommended for manual and automatic adding into a bitumen binder in an asphalt plant.

Dosage

Concentration of injection: 0.2 – 0.6% of bitumen weight.

Average efficient dosage of the preparation: 0.4% of bitumen weight.

Main Advantages

Cost-effective
Low cost as compared to conventional amine-based cationic surfactants with equal injection concentration

Universal
Special functionality providing high adhesion in asphalt mixes based on both acid-rock and basic-rock aggregates.

Thermal stability for up to 5 days
As a result of chemical interaction of DAD-M 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

Specifications

Additive input type	manual and automatic entry
Viscosity at 60°C in accordance with VZ-5 no longer than	35 sek
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 1m^3.

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.

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