

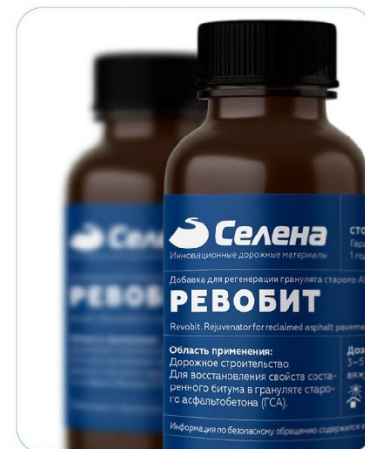
Rejuvenating additive Revobit

Innovative functional preparation – regenerator for paste forming properties reclaiming of aged organic binder at reuse of cut granulated material of old asphalt concrete as part of hot mixed asphalt. Regenerator does not contain mineral oils and flammable substances, is made from a mixture of derived products from plant oils and organic acids, is a non-volatile substance and does not contain combustible solvents.

Docage

Volume of injection: is from 4 to 6 % from bitumen weight in granulated material of old asphalt concrete.

Mean effective dosing of preparation: is 5 % from bitumen weight in granulated material of old asphalt concrete.



Main advantages

Reduces cost of asphalt concrete

Allows the application of granulated material of old asphalt concrete as part of hot mixed asphalt with the aim of reduction of production cost and saving of road construction materials.

Environmentally friendly

Is based on natural raw materials – is safe in application, environmentally friendly and thermally stable. It allows to save non-renewable resources – oil and mineral materials – and efficiently dispose of accumulated waste during roads repairs and reconstructions.

Up to 100 % of recycled asphalt concrete (RAP) into a new mix

Active components of the additive RevoBIT interacting with granular asphalt, replenish the components of aged bitumen, lost under the influence of weather and climatic and operational factors. This allows to add sizable percentage of RAP into compositions of new asphalt concrete and up to 100 % into patching mixes.

Reclaims all properties of aged bitumen and prevents its ageing in future

Application of the additive RevoBIT allows to restore key characteristics of bitumen in granulated material of old asphalt concrete, such as brittle temperature, bonding to mineral surface, resilience and elasticity. Additionally, the preparation reduces intensity of ageing processes of reclaimed binder.

Specifications

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| Appearance at 20°C | Viscous-flow liquid of light-yellow to light-brown colour |
| Viscosity at 60°C in accordance with VZ-5 | no longer than 20 seconds |
| Acid value | no longer 180 mgKOH/g |

Packaging and storage

The preparation is delivered in metal barrels with a capacity of 216 l or 52 l and polymeric containers with a capacity of 1 m³.

The preparation is stored in transport package or in tightly closed and sealed packing containers. The preparation is stored in closed storage areas at a distance of at least two metres from heating elements at temperatures from minus 35 ° C to plus 50 ° C, in outdoor areas under a canopy, or in specially equipped heated containers.

Warranty storage period is 2 years from the date of manufacture.