

STAROIL ECO

FLUX-OIL FOR COLD ASPHALT PRODUCTION BASED ON VEGETABLE OILS

ECOLOGICAL LINE

STAROIL ECO is a liquid additive, based on vegetable oils and esters, for plastic cold mixed asphalt used for road maintenance.

Chemical-Physical Properties

Appearance	Liquid
Odour	Light
Colour	Light
pH	N.A.
Density at 20°C	880 kg/m ³
Viscosity at 25 °C	2°E
Flash Point	>100°C

Applications

STAROIL ECO is an additive to be used in cold mixed asphalt for road maintenance like pot-hole repairs.

Advantages

The use of STAROIL ECO guarantees the perfect balance between plasticity and workability of cold mixed asphalt, ensuring long-term workability of the mixture which then hardens rapidly once laid down also in water presence, the all accompanied by a perfect and permanent adhesion between bitumen and aggregates.

Furthermore it has a positive environmental impact respect to traditional products, as it polymerize inside the bitumen and doesn't evaporate.

Modality of use

STAROIL ECO dosage varies according to the granulometric curve of aggregates and to the bitumen quality. With a bitumen having a penetration 80/100, the batching varies from 12% to 25% of the bitumen weight. For the production is suggested to mix for some seconds the aggregates with the necessary batch of STAROIL ECO; after add the bitumen and therefore stir for some seconds until an asphalt perfectly covered is obtained.

The aggregates must contain grit with dimension from 3-7 mm, cleaned, dry and free from fine material, previously dried and after cooled up to the maximum temperature of 100°C.

Package

190 kg in steel drums or in 900 kg IBC tanks. Available as bulk at request.

Storage

STAROIL ECO is stable for a minimum of three years in its original closed containers at room temperature.

Warning

STAROIL ECO doesn't present specific risks. For more information please see the Safety Data Sheet, available upon request.

The present card contains technical information of our products at our best knowledge. STAR ASPHALT S.p.A. assumes responsibility exclusively for the applications carried out under its directly supervision.

STAR ASPHALT S.p.A.

Strada Prov. Piana, loc. Garga – 87010 Saracena (CS) - ITALY - Telefax +39.0981.480921

Internet: www.starasphalt.com - E-Mail: info@starasphalt.com

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SITEB ASSOCIATE MEMBER

