

MTF-10M

Instant-Bitumen



Description

Type of Modification

Maltene supplement

MTF-10M is a dimerized natural resin, Liquid at ambient temperatures. The 100% Bio-Based resin will decrease the softening point and simultaneously increase the adhesion of the bitumen on the aggregates. The Colloidal stability (CII) is also improved and thus the workability of the asphalt mix in general, specially at reduced temperatures.

Application in Bitumen

Specific Use

The **MTF-10M** can be added:

- directly into the asphalt mixer or
- into the bitumen storage tanks, or
- in Güss Asphalt mixing tanks

Addition Rates:

- 3% to >50% *in the* bitumen

Extra Mixing time:

- +10 seconds "wet" mixing

CO₂ Bonding:

- 3,12 kg CO₂/ kg MFT-10M
- 3,0 kg CO₂/ kg MFT-10M ("Tree-Uptake")

Physical Properties

Technical Data

Specific Gravity:

- 0,980 @ 25°C

Viscosity @ 25°C:

- ±1500-3000 mPa.s⁻¹

Solid Content:

- 100%

Color:

- Dark Brown

Flash Point:

- >248°C (In Bitumen)

Odor:

- Characteristic / Resin / Wood

Origin

Dimers made from

Fully Vegetable Resin Based

- 100% Bio Based
- Non Food Stuff
- Natural Carbon Bonding
- Carbon-Sink
- No Agricultural Area

Properties

- Improves Workability
- Better Adhesion
- Lower Temperature
- Stabilizes Asphaltenes
- Natural Resins
- Maltene Phase
- Lower Softening Point
- No Plasticizer

Contact

B2SQUARE GmbH

Necklenbroicher Strasse 11

D-40667 Meerbusch

Germany

T +49 2132 9139 482

M +49 172 5874079

frank.albrecht@bitumenbeyondoil.com

www.bitumenbeyondoil.com