



TeraMuls

Bitumen Emulsifier

Bitumen used as a binder in asphalt road construction, maintenance and repair works. Bitumen is a viscous solid material under normal ambient temperatures. In order to make bitumen fluent and processable, bitumen shall be heated to high temperatures or shall be diluted with a solvent or it shall be emulsified with water. **TeraMuls** is one of the most significant components for emulsifying bitumen with water for HMA, surface dressing or slurry applications.



TeraMuls

Bitumen Emulsifier

ADVANTAGES

TeraMuls disperse in water and prevent joining of the bitumen droplets with each other by remaining in the form of emulsion during production, transportation, laying and mixing processes, thus improve durability of the emulsion.

TeraMuls ensures re congregation of the bitumen droplets according to optional rapid, medium or slow setting during the application at site (laying on surface, mixing with aggregate, etc.)

The emulsions can be transported to longer distances; can be stored for longer periods and their setting durations can be adjusted without suffering from any deterioration and setting by preserving the stability of the emulsion. The emulsion is resistant to stripping due to the emulsifier.

TeraMuls enhance adhesion of asphalt emulsions without requiring use of any antistripping additives. It is possible to produce different emulsions suitable for a great variety of application fields and construction techniques. Furthermore, **TeraMuls** can be applied with usual asphaltting equipment.

APPLICATION

With the emulsions manufactured by using **TeraMuls**,

It is possible to obtain the following in an easier and cheaper manner with high durability and resistance against deterioration;

- Tack coat between binder and wearing courses,
- Surface dressing,
- Slurry seal,
- Micro-surfacing,
- Possibility for production of long life recycled cold mixtures in-situ and at the plant easily and cost effectively with resistance against deformation.

PACKAGING AND STORAGE

The product must be stored away from the sunlight and humidity.

The product is supplied in 170 kg barrels.

TECHNICAL SPECIFICATIONS

Types Of Emulsion

Cationic	Anionic	Special Type
CRS-1	RS-1	CQS-1h
CRS-2	RS-2	HFRS
CMS-1	MS-1	HFMS
CMS-2	MS-2	Rapid Setting Mixture
CMS-2h	MS-2h	Polymer Modified
CSS-1	SS-1	Slurry Seal
CSS-1h	SS-2	Micro Surfacing

Barrels Packing

