

MAK ANTI STRIPPING COMPOUND

Performance improving additive for asphalt



Description

MAK ANTI-STRIPPING COMPOUND is a fatty acid, amine surfactant designed to promote adhesion between cover aggregates and bitumen binders, also a performance-improving additive for an asphalt mix that provides mix moisture damage resistance and reduces stripping of asphalt from the aggregate surface.

It is a superior grade anti-stripping agent specifically formulated to provide permanent remedy to premature failure of flexible pavements caused by nonavailability of good quality of aggregates and improper drainage system by enhancing the adhesion of aggregates and ensuring long life of all types of asphalted pavements.

Application Areas

- 1) In road construction for surface dressing, built up spray grout etc.
- 2) Effective in high rainfall regions, areas with poor bitumen-aggregate bonding and poor drainage system.
- 3) It covers bituminous surfacing like dense and semi-dense asphalt concrete, open grade premix carpet etc.
- 4) It is also compatible with mineralogy like marbles, sandstone, basalt, limestone, recycled asphalt pavement, etc.

Features & Advantages

- 1) Excellent Adhesion promoter with various types of aggregates
- 2) Increased Asphalt life span
- 3) Less dosage required
- 4) Restrain age hardening of Bituminous binder.
- 5) Remains stable and effective when mixed with asphalt for several weeks.
- 6) Enhances service life of pavements
- 7) Remains stable at high process temperatures of Hot mix bitumen

Application Procedure

Polymer and non-polymer modified asphalt: 0.25 to 0.75% by weight of total asphalt in mix. Usage rate should be determined by user based on degree of aggregate coating and moisture sensitivity testing results at the desired production on temperature.

MAK ANTI-STRIPPING COMPOUND can be added to Asphalt in following ways:

1. to asphalt storage tank and agitate mechanically or through pump circulation.
2. at asphalt line as transport tank is being charged.
3. to asphalt mix plant by in-line (continuous plant) or weigh hopper (batch plant).

Health & Safety

- ◆ Store at a temperature below 60 C.
- ◆ Use safety gloves and safety glasses while handling.
- ◆ Do not mix any type of solvent.