ITEROIL G/50 | ADDITIVE FOR COLD MIX PRODUCTION AND FLUX OIL FOR BITUMINOUS EMULSIONS

1. APPLICATION
ITEROIL G/50 has the following properties:
- Is a flux oil studied for cold mix production for road maintenance and for bituminous emulsion production.
- Is formed by a mixture of mineral oils and vegetal ester derivatives exempt of tar oils, which guarantees the realization of a perfectly workable plastic cold mix in heap or in bag.
- Is used as an additive for bituminous emulsions and it reduces the viscosity of the bitumen and finished emulsion.
- Is added directly in the mix's mixer after the binder addition or immersed in the bitumen tank of the emulsion plant.

2. DOSAGE
ITEROIL G/50’s dosage for the cold mix production varies from 25% to 35% by bitumen weight, according to the desired plasticity, bitumen type and granulometric curve used. The size of the aggregates should be from 3 to 6 mm and should be clean, dry and used at a maximum temperature of 120°C. The optimal bitumen must have a penetration of 70/100 dmm and must have a dosage between 3.5 and 4.5% by aggregate weight. For the emulsions, the dosage can vary from 1% to 5% by bitumen weight, according to the desired emulsion.

3. COMPOSITION
Hydrocarbon and vegetal ester mixture.

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4. PHYSICAL PROPERTIES
   Aspect  liquid
   Density at 20°C  0.92 ± 0.02 g/cm³
   Viscosity at 25°C  7 ± 1 cSt
   Flash point  > 160°C

5. STORAGE
   Sheltered from weather conditions and away from heat sources.

6. PACKAGE
   In drums of 170Kg or in small cisterns of 850Kg.

7. SAFETY PRECAUTIONS
   See the product’s MSDS.