international road technology consulting

TECHNICAL DATA SHEET

DOPIRTEC-AK

irtecon

APPLICATION:

DOPIRTEC-3Q is an adhesion promoter exempt from solvents used in hot mix asphalts, with the purpose to guarantee a perfectly stable tie between bitumen and aggregates independently from their chemical nature (acid or basic)

DOPIRTEC-3Q is avoiding stripping and

raveling phenomena

DOPIRTEC-3Q is stable at high storage temperature of bitumen (180°C) and even to extended heating time without changing its chemical characteristics.

DOSAGE:

The quantities to be used vary from 0,15 – 0,30% on the weight of bitumen according to the type of aggregates used and to the quality of bitumen.

When **DOPIRTEC-3Q** is used from 0,30 – 0,60% on the weight of bitumen it increases the asphalt workability reducing the production, laying and compaction temperatures. Asphalt mixes produced with high dosage of **DOPIRTEC-3Q** could be laid at 115-120°C and compacted at 95-100°C

DOPIRTEC-3Q is added to the bitumen before mixing the aggregates. It can be poured into bitumen tank directly and mixed using the recirculation pump.

PHYSICAL AND CHEMICAL PROPERTIES:

Active substance 100% Density at 40°C $1,05 \pm 0,02$ g/cm3Viscosity at 40°C 8 ± 2 StÍndice de acidez 120 ± 20 mg KOH/g	Appearance at 25°C	Yellowish Viscous Liquid
		1,05 ± 0,02 g/cm3 8 ± 2 St

STORAGE:

Stable at room temperatures if stored in closed containers and at shadow.

PACKAGE:

DOPIRTEC-3Q is delivered on metallic drums or 200 kg.

SAFETY:

Amine products should be handled with care. In order to avoid injuries, protective gloves and safety goggles should be used. For further information, see our Safety Data Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.

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