

TECHNICAL DATA SHEET

WARMIRTEC-3Q

APPLICATION:

WARMIRTEC-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)

WARMIRTEC-3Q is avoiding stripping and raveling phenomena

WARMIRTEC-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 **WARMIRTEC-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 **WARMIRTEC-3Q** could be produced at 130°C and compacted at 120°C.

WARMIRTEC-3Q is added to the bitumen before mixing the aggregates. It can be poured into bitumen tank directly and

mixed using the recirculation pump.

CHEMICAL FAMILY:

WARMIRTEC-3Q is a compound organic polymers.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 25°C	Yellowish Liquid	Viscous
Active substance	100%	
Density at 40°C	1,05 ± 0,02 g/cm ³	
Viscosity at 40°C	8 ± 2 St	
Acidity index	120 ± 20 mg KOH/g	

STORAGE:

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

PACKAGE:

WARMIRTEC-3Q is delivered on metallic drums of 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.