



TECHNICAL DATA SHEET

IRTEC QP-30

APPLICATION:

IRTEC QP-30 has been designed to produce cationic slow setting emulsions (CSS) of improved stability both in storage and transport, and in breaking with the aggregates. The resulting emulsions permit the preparation of dense mixes, such as those employed in laying cold dense mixes, grave emulsion, and recycling of road surface either in situ or in plant.

Emulsions produced with **IRTEC QP-30** achieve complete coverage of the aggregates. The final adhesion between the bitumen and the aggregates is excellent, irrespective of their nature.

DOSAGE:

The recommended dosage depends on the application and characteristics of the materials to be employed. A recommended range of dosage is 1.2 to 3.6 % (w/w) of emulsion.

The pH of the emulsion should lie between 2 and 3.

CHEMICAL FAMILY:

IRTEC QP-30 is made of an organic polymer with amine groups and surfactant properties.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Viscous liquid
Colour	Amber
pH	10 -12
Total amine value, mg KOH/g	160 ± 30
Specific gravity at 25°C, g/cm ³	1.02 ± 0.02 4 ± 1
Viscosity at 25°C, St	Not
Flash point, °C	inflammable.
Pouring temperature, °C	> 5 °C
Solubility in water:	Soluble

STORAGE:

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

PACKAGE:

IRTEC QP-30 is supplied in metal drums of 200 kg and IBC of 1000 kg.

SAFETY:

This product is a weak alkaline substance which may produce rashes or irritation. It is recommended to handle it wearing gloves and safety goggles. In the event of contact, wash the affected area with plenty of water and then with an aqueous solution of boric acid. For further information please consult the product 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.