

TECHNICAL DATA SHEET



IRTEC – SK205

PRODUCT:

APPLICATION:

IRTEC-SK205 is an emulsifier employed for manufacturing slow setting cationic bitumen emulsions used for different application.

IRTEC-SK205 must be neutralized in the water phase with hydrochloric acid (HCl) before emulsion production.

IRTEC-SK205 is totally compatible with other product ammine based.

IRTEC-SK205 can be use either in batch and continuous emulsion plants because liquid and pumping at room temperature.

IRTEC-SK205 can be employed for producing emulsion used in different construction technologies (priming coat, slurry seal, dense graded cold mixes, soil and sand stabilizations, gravel-emulsion mixes, etc.) and, in general, in those applications where emulsion is mixed with high fines content aggregates of different nature.

DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 0,4 % and 1.0% (w/w) of the emulsion. Recommended water phase pH between 2,0 and 3.0.

CHEMICAL FAMILY:

IRTEC-SK205 is made from quaternary ammonium salts and amines.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Liquid Yellow Brown
Specific gravity at 20°C, g/cm ³	1,07
Melting Point °C	-2 / -6
Viscosity at 20°C, cPs	<1200

STORAGE:

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

PACKAGE:

IRTEC-SK205 is delivered in 1000 kg IBC.

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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