



TECHNICAL DATA SHEET

IRTEC ABM

APPLICATION:

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

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

IRTEC ABM is totally compatible with other product ammine based.

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

IRTEC ABM 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, recycling of bituminous mixes, etc.) and, in general, in those applications where emulsion is mixed with high fines content aggregates of different nature.

DOSAGE:

The dosage could vary between 0.8% and 1.2% (w/w) of the emulsion.
Recommended water phase pH = 2.

CHEMICAL FAMILY:

IRTEC ABM is made of an organic copolymer with amine groups and surfactant properties.

PHYSICAL AND CHEMICAL PROPERTIES:

State	Liquid
Colour	Amber
Amine Index	600 ± 60mg KOH/g
Viscosity at 30°C, St	4 ± 1
Density at 30 °C,	1.01 ± 0.02
	g/cm ³

STORAGE:

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

PACKAGE:

IRTEC ABM is delivered in 195 kg drums or 950 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.