

TECHNICAL DATA SHEET



PRODUCT:

IRTEC – RQS

APPLICATION:

IRTEC-RQS is an emulsifier employed for manufacturing rapid and medium setting cationic bitumen emulsions used for application in tack-coat and surface treatments.

IRTEC-RQS is indicated for manufacturing rapid and medium breaking cationic bituminous emulsions used in tack coats, fog seals, chip seal and manufacture of cold open mixes..

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

IRTEC-RQS can be used either in batch and continuous emulsion plants because liquid and pumping at room temperature. For best dissolution in water use small quantitative of hydrochloric acid (HCl).

DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 0.20% and 0.25% (w/w) of the emulsion. Rapid breaking emulsion 2 - 2.5 Kg/ton., Medium breaking emulsion 2.5 - 3.5 Kg/ton.

CHEMICAL FAMILY:

IRTEC-RQS is an amine product.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Paste
Colour	Brown
Total ammine index (mg KOH/g)	115 + 40
Density at 50 °C (g/cm ³)	0.91 ± 0.02 g/cm ³
Viscosity at 50 °C (St)	1.3 ± 0.5

STORAGE:

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

PACKAGE:

IRTEC-RQS is delivered in steel drums of 180 kg

SAFETY:

Amine products should be handled with care. In order to avoid injuries, protective gloves and safety goggles should be used. In the event of contact, wash with plenty of water. Contact with oxidising agents, copper and alloys of copper, nickel or cobalt should be avoided. 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