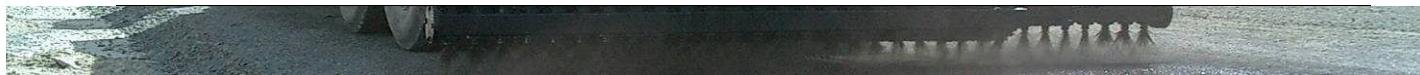


## TECHNICAL DATA SHEET



### PRODUCT:

## IRTEC – RVK

### APPLICATION:

**IRTEC-RVK** is an emulsifier employed for manufacturing rapid setting cationic bitumen emulsions with high viscosity used for application in tack-coat and surface treatments.

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

**IRTEC-RVK** is totally compatible with other product ammine based.

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**RTEC-RVK** must be melted at 50°C for being pumped and used in continuous emulsion plants. 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 0.35% (w/w) of the emulsion. Recommended water phase pH between 2.5 and 3.5.

### CHEMICAL FAMILY:

**IRTEC-RVK** is an amine product, mainly constituted by fatty diamines.

### PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C		Amber Paste
Specific gravity at 50°C, g/cm <sup>3</sup>		0,825
Specific gravity at 90°C, g/cm <sup>3</sup>		0,805
Pour point, °C	(ASTM D-1982)	40-45
Total amine value, mg OHK/g	(ASTM D 2073/81)	300 ± 25
Iodine index (g 1/100g)		26-33
Solidification Point °C		>99 %
HCL 22°Be to neutralize 1Kg		500 g

### STORAGE:

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

### PACKAGE:

**IRTEC-RVK** is delivered in steel drums of 165 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*

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