



## TECHNICAL DATA SHEET

# IRTEC – ASQ

### APPLICATION:

**IRTEC-ASQ** is an emulsifier employed for manufacturing slow setting anionic bitumen emulsions used for application in slurry-seal, priming, waterproofing products and others applications when aggregates are limestone type. Slow setting emulsions are especially suitable for application in dense cold mixes with limestone.

**IRTEC-ASQ** must be neutralized in the water phase with caustic soda (NaOH) before emulsion production.

**IRTEC-ASQ** can be use either in batch and continuous emulsion plants because liquid and pumping at room temperature. For best dissolution in water use small quantitative of caustic soda (NaOH).

### DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 0.50% and 1.50% (w/w) of the emulsion. Recommended water phase pH between 12 and 13.

### CHEMICAL FAMILY:

**IRTEC-ASQ** is an organic polymer with carboxyl reactive groups.

### PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Amber Pasty
Specific gravity at 50°C, g/cm <sup>3</sup>	1.06 ± 0.05
Solubility in water at 50°C	yes
Acid value, mg/OHK/g	70 ± 20
Viscosity at 50°C, mPa·sF	5000 ± 50
Pouring temperature	≥ 55°C

### STORAGE:

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

### PACKAGE:

**IRTEC-ASQ** is delivered in steel drums of 200 kg.

### SAFETY:

This product 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.