

STARACID IM

EMULSIFIER FOR CATIONIC SLOW SETTING BITUMINOUS EMULSIONS

STARACID IM is a liquid emulsifier, obtained by the oxidation of fatty polyamines, designed for the manufacturing of cationic bituminous emulsions.

Chemical-physical characteristics

Appearance	Liquid
Smell	Trascurabile
Colour	yellow/red
pH	7-8
Density at 25°C	960 kg/mc ca.
Boiling point	≅ 100°C
Solidification point	≅ 0°C
Viscosity at 25°C	1500 mPas
Flash point	>100°C
Solubility in water	soluble

Applications

STARACID IM is used to manufacture slow setting bituminous emulsions. The different types of emulsions produced with STARACID IM will be applied for soil stabilisations, fog seals, the production of dense graded cold mixes and in the cold recycling of bituminous mixtures.

Advantages

The usage of STARACID IM guarantees the manufacturing of bituminous emulsions with very slow breaking times and, most of all, very stable emulsions. STARACID IM will be dispersed in the water tank of the emulsion plant, using a temperature around 35-45°C and after soapificated with hydrochloric acid.

Usage

The dosing of STARACID IM varies from 1,00% to 2,50% on the emulsion weight, and is based on the type of application. To increase the quality of the final emulsion it is recommended the addition of 0,1-0,3% calcium chloride.

Typical applications:

PRIME COAT	1,50% – 2,50%
COLD MIX	1,50% – 2,50%
SLURRY SEAL	1,00% – 2,50%
COLD RECYCLING	1,00% – 2,00%

Packing

In plastic drums, 200 kg net weight. At request the product can be delivered also in 1.000 kg IBC container or as bulk.

Storage

STARACID IM can be stored for minimum 24 month in his original closed packing. Avoiding excessive storage temperatures the product will conserve as his fluidity as his qualitative characteristics.

Warnings

STARFLEX CO doesn't present specific risks. For more information on classification, measures of protection and provisions in case of fire, please see the Safety Data Sheet available upon request.

The present card contains technical information of our products at our best knowledge. STAR ASPHALT S.p.A. assumes responsibility exclusively for the applications carried out under its directly supervision.

STAR ASPHALT S.p.A.

Strada Provinciale Piana, Loc. Garga – 87010 SARACENA (CS) – ITALY – Telefax +39.0981.480902

Internet: www.starasphalt.com - E-Mail: info@starasphalt.com

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