

STARACID A-10

EMULSIFIER FOR RAPID SETTING CATIONIC BITUMINOUS EMULSIONS

STARACID A-10 is a liquid emulsifier, based on di-amines, to manufacture cationic bitumen emulsions.

Chemical-Physical Properties

Appearance	Liquid
Odour	Ammoniacal
Colour	Orange-red
PH	Alkaline
Density at 20°C	900 kg/m ³ ca.
Boiling Point	>100°C
Viscosity at 20°C	400 cP.
Flash Point	>100°C
Solubility in water	Dispersible

Application

STARACID A-10 is used for tack-coat bituminous emulsions, for roads construction and maintenance.

Advantages

STARACID A-10 is used for rapid and medium setting bituminous emulsions. STARACID A-10 is solved in the water-phase batch tank (35-45°C) and then saponified using hydrochloric acid before the emulsification process.

Modality of use

STARACID A-10 dosage varies in according to applications and stability of bituminous emulsions.

Normally the batching varies from 0,15% to 0,40% of the final bitumen weight.

Formulation guideline for rapid setting emulsion tack-coat

Bitumen 80/100	60% p.p.
STARFLUX ST	2% p.p. of the bitumen
Water	q.b. 100% p.p.
STARACID A-10	0.2% p.p. of the emulsion
Hydrochloric Acid	pH soapy solution 2

Package

180 kg net in steel drums.

Storage

STARACID A-10 can be stored for 36 months in original and closed pack. In function of the storage temperature the product can assume a doughy consistency, however the qualitative characteristics are not at risk.

Warning

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 Prov. Piana, loc. Garga - 87010 Saracena (CS) - ITALY - Telefax +39.0981.480921

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

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SITEB ASSOCIATE MEMBER

