



POLYEM CA-25

DESCRIPTION

Liquid emulsifier in aqueous solution based on quaternary ammonium salts, to produce cationic bituminous emulsions at rapid and medium breaking speed. Used for the production of bituminous emulsions for the construction and maintenance of road paving.

APPLICATION

POLYEM CA-25 is suitable to produce acidic (cationic) bituminous emulsions with a rapid and medium breaking rate, class 2, 3 and 4 according to EN 13075-1 standards, for the following applications:

- Emulsions for road paving, designed for surface treatment without grit.
- Emulsions for road paving, designed to carry out surface treatments using grit.

DIRECTIONS OF USE

POLYEM CA-25 is dissolved in water at a temperature of 40 ° C and subsequently saponified with hydrochloric acid, bringing the pH of the final solution to a value of about 2.

POLYEM CA-25 can be used for the production of emulsions both modified with water phase elastomers (latexes), and with the use of modified bitumen with polymers.

POLYEM CA-25 is used all over the world and can work with all types of aggregates and bitumen and with different weather conditions.

DOSAGE

The POLYEM CA-25 dosage varies from 0.2% to 0.6% on the weight of the final emulsion, depending on the type of application to be carried out and the desired breaking index

FORMULATION

Rapid Break Bitumen Emulsion for "tack coat"

Bitumen 180/200	: 55% w/w
POLYEM CA-25	: 0,3% w/w
HCl (Hydrochloric acid)	: 0,1% w/w (pH soapy solution = 2)
Water	: q.b. 100% w/w

Bitumen Emulsion Properties

FEATURES	METHOD	SPECIFIC	VALUE
BREAKING INDEX	EN 13075-1	<110	75
SEDIMENTATION AFTER 7 DAYS	EN 12847	<10%	5,5%



STORAGE

POLYEM CA-30 can be stored for 24 months in original and closed packaging, at a temperature between 5 ° C and 30 ° C.

SAFETY

For more information on classification, protection measures and measures in case of fire, please refer to the product safety data sheet, available on request.

WARNINGS

Advice on how to use correspond to the current state of our knowledge and do not involve the assumption of any guarantee and / or responsibility on the final result of the work. Therefore, they do not exempt the customer from the responsibility of verifying the suitability of the products for use and the intended purposes through preventive tests.

