IKO BITUMIX CE

Description:

IKO BITUMIX road surfacing emulsions (1) are bitumen suspensions of fine particles in an aqueous solution.

An emulsifying agent is required to facilitate emulsification and to stabilise the emulsion. On application, the water evaporates or is absorbed by the minerals in the substrate leaving a bitumen residue, which progressively regains its initial properties, acquiring the cohesion and adhesion of the bitumen itself.

The time required for water evaporation or absorption is known as the *breakdown time.*

There are two types of IKO BITUMIX :

IKO BITUMIX CE : Bituminous emulsion of the cationic type (acid ion). Emulsifying agent : acid derivative of fatty amines. Rapid breakdown : by evaporation or absorption of the substrate or by physical-chemical imbalance on contact with mineral, even when wet.

Application : in wet or dry weather.

(1)Emulsion = homogenous medium made by the dispersal of very fine particles of a substance in a liquid in with it is insoluble.

Use:

IKO *BITUMIX CE* : apply in wet or dry weather !!!

1. Surfacing roads made of paving or asphalt coatings. This implies the application of gravel (grade 0/3) in a freshly applied coating of emulsion.
2. Repair of static cracks not exceeding 3 mm.

(In case of repair of static cracks, both types of emulsion give not a high elastic sealing of the cracks).

Characteristics:

Bitumen content	60%
Density at 20°C	1 at 1,003
Water content	max 40%
Viscosity at 20°C	3 at 12 Engler (23 at 91 cps)
Breakdown time with powered sand porphyre	less than 5 minutes Accelerated breakdown

Caracteristics:

IKO BITUMIX is applied by brush or squeegee, spray fed from a tank or drum

Consumption rate:

1 to 1,5 kg/m²

Cleaning tools and stains:

Immediately with white spirit.

Sizing and palletization:

CE 60%: 25 kg cans or 200 kg drums.