

K140 EMULSION

CATIONIC BITUMEN EMULSION



K140 is a rapid setting cationic Bitumen Emulsion complying with BS EN: 13808:2013. K140 is cold applied and when laid it gives an adhesive bond between an existing surface and any bituminous overlay. Quick setting K140 will speed up the operation and give exceptional adherence even in damp conditions. The use of Tack Coat is recommended when tasks such as overlaying with hot rolled asphalt, slurry seal or macadam or when patching operations are required to be conducted. K140 can be supplied in 25kg plastic containers for pouring or in 200kg drums for spraying operations.

FEATURES AND BENEFITS

- Fast Setting Time
- Excellent Bonding Strength
- Ease Of Application



Black



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MIXING:

The K140 must be thoroughly mixed prior to use. This is best achieved by rolling the drums.

APPLICATION:

HAND APPLICATION:

Mix the emulsion and pour directly from the container or from a watering can with a rose type dispensing nozzle attached.

SPRAY APPLICATION:

Mix the emulsion, connect a suitable pump system to the drum and spray directly onto the surface that needs treating. Follow the guidance and rates of spread advised in BS 594987.

Completion:

The K140 must be allowed to set fully prior to any vehicular traffic being allowed onto treated area. This point will become apparent when the colour of the emulsion has changed from brown to black. At this point overlaying can commence.

TECHNICAL:

COVERAGE:

The following information is given as a guide and may vary depending on the condition of the surface to be treated, 1.6 - 1.75m² per kg.

CERTIFICATION:

Emulsion Properties:

Viscosity (EN 12846) [2mm @ 40°C]:	Value 15 - 7- s Class 3
Water effect on binder adhesion (EN13614):	Value 90% Class 3
Breaking Value (EN13075-1):	Value 110 - 195 Class 4
Dangerous substances:	NPD -

Properties of the Binder recovered from the Emulsion

Requirement

Following evaporation (EN 13074-1)

Following evaporation and stabilization (EN 13074-1 & EN 13074-2)

Penetration (EN 1426)

Value 220 dmm	Class 5	Value < 220dmm	Class 5
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Softening Point (EN 1427)

Value 39°C	Class 7	Value > 39°C	Class 7
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Cohesion (modified binders only) (EN 13588)

Value NPD	Class 0	Value NPD	Class 0
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PACKAGING AND STORAGE:

STORAGE CONDITIONS:

Storage area should be dry, protected from direct sunlight and extremes of temperature - i.e. between 10°C & 25°C. K140 Bitumen Emulsion contains a large quantity of water and must be protected from frost and or extreme cold.

SHELF LIFE:

6 months when stored under cover, in original unopened containers, in accordance with Storage Condition guidelines listed above.

SIZES AVAILABLE:

Available in 25kg containers or 200kg drums.

HEALTH AND SAFETY:

Familiarise yourself with the material safety data sheets before using this product. If you need a copy please call our technical team on **023 9220 0606**.

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