



Bitumen K1-40

(Cationic Bitumen Emulsion)

PRODUCT DATA SHEET

Bitumen emulsion K1-40 is a type of cationic bitumen emulsion used primarily in road construction and maintenance applications. It is characterized by its specific properties and is particularly suitable for various paving and sealing tasks.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Particle Charge Test	-	Postive	ASTM D224
Residue on a 710 µm (No. 20) Sieve	%m/m	Max. 0.05	ASTM D244
Residue on a 150 µm (No. 100) Sieve	g/100ml	Max. 0.15	ASTM D244
Binder content	%	Min. 38	ASTM D6997
Viscosity (degrees Engler (°E) at 20°C)	°E	Max. 4	ASTM D1545
Storage stability (long period test)	%	-	ASTM D6930

Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

Application:

Before application drums should be well rolled to agitate contents before use. Cationic emulsions should be applied by brushing with hand broom or squeegee. Spread in one direction only and avoid scrubbing often. It is more practical to apply by spray as this provides a uniform distribution and even film.

Recommended Application Rate:

Lean Mix Curing: 1.0–1.5 Ltr/m².

Full Grouting: 5.0–11.0 Ltr/m²

Semi-Grouting: 0.4–0.5 Ltr/m².

Patching: 8.0–10.0 Ltr/m².

Sealing of formation and sub-bases: 0.9–1.8 Ltr/m²

Surface dressing: 1.4–1.6 Ltr/m²

Note: These rates serve as guidelines and may need adjustments based on specific project conditions.

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

Packaging:

New steel drums, reconditioned steel drums, Bulk.

Steel Drums: 180Kg, 200Kg

Bulk: Tank Container

IBC Tank: 1000Ltrs

Code Approvals/Compliance:

Meets: BS434, KS 02-769:1990

Learn More [↗](#)

www.nuroil.com

For further information, please contact:

Nuroil Trading FZE

Email : info@nuroil.com

Phone : +971 55 8405476

Disclaimer: The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.