



**CHEMIX EMULSION WLL.**  
Bitumen emulsion provide an alternative  
approach in which the bitumen is liquefied

**Technical Data Sheet**  
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## **CHEMIX C69B5**

### **Cationic Bitumen Emulsion**

#### **GENERAL**

Chemix C69B5 is a Conventional Grade cationic bitumen emulsion which complies with grade K1-70 of BS 434-1 and grade C69B3 of BS EN 13808. It has been designed to meet the requirement for a surface dressing emulsion in situations where conventional K1-70 bitumen emulsion will perform satisfactorily.

#### **SURFACE DRESSING**

The design and implementation of surface dressing using K1-70 should be carried out in accordance with Road Note 39, Design Guide for Surface Dressing, and Design Manual for Roads and Bridges Volume 7 Section 5 Part 2: HD 37/99 and Sector Scheme Document 13A. K1-70 is applied using conventional spray equipment, pressures, temperatures and spread rates. K1-70 is usually applied at road surface temperatures between 12 °C – 35 °C, in dry conditions, normally between May and August, depending on dressing design.

#### **HEALTH AND SAFETY**

Chemix C55B5 is not classified as hazardous to health or the environment. For further information refer to our relevant Material Safety Data Sheet.

#### **SUPPLY**

Availability, prices and conditions of sale are available within the quotation / Proforma invoice further to your enquiry.

<b>Chemix Cationic Emulsion Properties</b>			
Binder Content	EN 1428	67 - 71 % (m/m)	Class 5
Viscosity	EN 12846 Efflux Time (2 mm at 40 °C)	15 - 70	Class 3
Water effect on binder adhesion	EN 13614	NPD	Class 0
Breaking behavior	EN 13075-1 (Forshammar)	120 - 180	Class 5
Dangerous substances	-	NPD	-
Residual binder recovered by evaporation from cationic bituminous emulsion according to EN 13074 -1			
Consistency at intermediate service temperature	EN 1426	≤ 100	Class 3
Consistency at elevated service temperature	EN 1427	≥ 46	Class 5