



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

**Technical Data Sheet**  
**Date of Issue: 02-01-2014**

## **CHEMIX C50B5**

### **Cationic Bitumen Emulsion**

#### **GENERAL**

Chemix C50B5 is a cationic bitumen emulsion which complies with grade C50B5 of EN 13808:2005. It has been designed for use as a surface treatment tack coat bitumen emulsion.

Chemix C50B5 is manufactured by Chemix Emulsion Co. WLL accredited to ISO 9001:2008.

#### **SURFACING DESIGN**

The design and implementation of surfacing using Chemix C50B5 should be carried out in accordance with BS 594987 and Design Manual for Roads and Bridges Volume 7 Section 5 Part 2: HD 37/99. In addition, Chemix C50B5 is specified as a permitted option for use as part of certain Thin Surface Course Systems to SHW Clause 942. For use in these applications, reference should be made to the relevant BBA HAPAS certification.

#### **HEALTH AND SAFETY**

Chemix C50B5 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	48 - 52 % (m/m)	Class 4
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