

# COLAS PRODUCTS DATA SHEET



## SLX 80



**SLX 80** is a BBA HAPAS approved premium grade polymer modified cationic bitumen emulsion. By using selected emulsifying agents with a suitable emulsion grade penetration bitumen it has been specifically designed for use as a hot applied surface dressing binder.

Conventional non-modified surface dressing binders may lack the cohesive strength necessary to retain chippings under the extra shear stress imposed on road surfaces by vehicles braking or turning sharply. The addition of polymer gives improved properties and enhanced performance. To aid application **SLX 80** has a slight thixotropic nature and excellent breaking properties.

### WHERE TO USE?

**SLX 80** is suitable for use on higher stressed, heavier trafficked sites as a premium grade surface dressing binder as specified in Road Note 39.

### PREPARATION

Please refer to the Road Surface Treatment Association's (RSTA)/ADEPT Code of Practice for Surface Dressing Part 5 - Surface Preparation.

### APPLICATION

**SLX 80** should be applied at a temperature of 85°C through a bulk binder distributor which has been tested for compliance to BS 1707 (hot binder distributors for surface dressing).

The surface dressing works should be in accordance with the recommendations contained in Design Guide for Road Surface Dressing, Road Note 39 and the RSTA's Codes of Practice for Surface Dressing.

Due to high residual binder viscosity, optimum results are obtained with **SLX 80** during the warmer months of May to August.

### COVERAGE

Refer to the Design Guide for Road Surface Dressing, Road Note 39 or contact our National Sales Office for further guidance.

### PACKAGING

Supplied in bulk loads.

### STORAGE

**SLX 80** should be stored at 85°C in a purpose built bulk storage tank or spray tanker and circulated daily. For further information please refer to BS434-2 2006 Clause 5.2 Storage.

### STANDARDS

**SLX80** is a CE Marked cationic bitumen emulsion to BS EN13808:2013 C69BPF3/4 or C70BPF3/4.

**SLX80** complies with the requirements of Road Note 39, Design Guide for Road Surface Dressing as a Premium Grade surface dressing binder.

Full CE Marking information is available from the Colas Products website [www.colasproducts.co.uk](http://www.colasproducts.co.uk)

Emulsion	
Binder content (EN 1428)	67 - 71% (Class 9) or ≥ 71 (Class 10)
Efflux 4mm @ 40°C (EN 12846-1)	5 - 100 s (Class 5/6)
Water effect on binder adhesion (EN 13614)	≥ 90 (Class 3)
Breaking behaviour (EN 13075-1)	70 - 195 (Class 3/4)

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Recovered Binder	
Penetration @ 25°C (EN1426)	≤ 220 (Class 5)
Softening point (EN 1427)	≥ 43°C (Class 6)
Cohesion by pendulum (EN 13588)	≥ 1.2 J/cm <sup>2</sup> (Class 3)

Stage 1 Durability - Stabilised Binder	
Durability of penetration @ 25°C (EN1426)	NPD
Durability of softening point (EN 1427)	NPD
Durability of cohesion by pendulum (EN 13588)	NPD
Stage 2 Durability - Aged Binder	
Durability of penetration @ 25°C (EN1426)	NPD
Durability of softening point (EN 1427)	NPD
Durability of cohesion by pendulum (EN 13588)	NPD

### SAFETY

For full safety information please request the **SLX 80** Safety Data Sheet 15 using the contact information below.



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