

COLAS PRODUCTS DATA SHEET

PRINMULS MP90X



Prinmuls MP90X is a BBA HAPAS approved super premium grade polymer modified bitumen emulsion with a high binder content. Specifically designed for use as a heavy duty surface dressing binder on high speed and heavily trafficked roads.

WHERE TO USE?

Prinmuls MP90X is suitable for use on higher stressed, heavier trafficked sites as a super-premium grade surface dressing binder as specified in the Design Guide for Road Surface Dressing, 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

Prinmuls MP90X 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 **Prinmuls MP90X** 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

Prinmuls MP90X 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

Prinmuls MP90X is a CE Marked cationic bitumen emulsion to BS EN13808:2013 C70BPF2/3/4.

Prinmuls MP90X complies with the requirements of Road Note 39, Design Guide for Road Surface Dressing as a Super Premium Grade surface dressing binder.

Full CE Marking information is available from the Colas Products website www.colasproducts.co.uk

Emulsion	
Binder content (EN1428)	≥ 69 (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)
Recovered Binder	
Penetration @ 25°C (EN1426)	≤ 220 (Class 5)
Softening point (EN 1427)	≥ 50°C (Class 4)
Cohesion by pendulum (EN 13588)	≥ 1.4 J/cm ² (Class 2)

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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)	≤ 150 (Class 5)
Durability of softening point (EN 1427)	NPD
Durability of cohesion by pendulum (EN 13588)	≥ 1.4 J/cm ² (Class 2)

Dangerous regulated substances	NPD
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SAFETY

For full safety information please request the **Prinmuls MP90X** Safety Data Sheet 16 using the contact information below.



NATIONAL SALES OFFICE

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