Declaration of Performance

Cationic Bituminous Emulsion

No.   C6

Manufacturer

Colas Ltd, 6210 Bishops Court, Birmingham Business Park, Solihull Parkway, Birmingham B37 7YB

Location

Warrington Works, Loushers Lane, Warrington, Cheshire, WA4 6RZ

Product description

Super premium grade cationic modified bitumen emulsion for use in hot applied surface dressing of roads and other trafficked areas

Additional information

Prinmuls MP90X is a high-performance binder that can be used for the highest category roads and high stress areas. Subsequent heating is to be controlled so that the emulsion is circulated fully and the temperature does not exceed 90°C. It is recommended that the emulsion is sprayed by calibrated tankers at a rate of spread in accordance with national guidelines.

The construction product described conforms to the requirements provided below

Annex ZA of BS EN 13808:2013 – AVCP system 2+

No. of Certificate of Factory Production Control

UK 0836-CPR-13/F035

Declared performance

Characteristic	Category	Specification
EMULSION		EN 13808 – Table 2
• Efflux 4 mm at 40°C	5-100 s (Class 5/6)	EN 12846-1
• Water effect on binder adhesion	≥ 90 (Class 3)	EN 13614
• Breaking behaviour	< 110-155 (Class 2/3)	EN 13075-1
RECOVERED BINDER		EN 13074-1
• Penetration at 25°C	≤ 220 (Class 5)	EN 1426
• Softening point	≥ 50°C (Class 4)	EN 1427
• Cohesion by pendulum	$\geq$1.4 J/cm^2 (Class 2)	EN 13588
STAGE 1 DURABILITY - STABILISED BINDER		EN 13074-1 followed by EN 13074-2
• Durability of penetration at 25°C	NPD	EN 1426
• Durability of softening point	NPD	EN 1427
• Durability of cohesion by pendulum	NPD	EN 13588
STAGE 2 DURABILITY - AGED BINDER		EN 13074-1 followed by EN 13074-2 and EN 14769
• Durability of penetration at 25°C	≤ 150 (Class 4)	EN 1426
• Durability of softening point	NPD	EN 1427
• Durability of cohesion by pendulum	$\geq$1.4 J/cm^2 (Class 2)	EN 13588
Dangerous regulated substances	NP	EN 13808 – 5.5

Signed on behalf of Colas Ltd

Faical Lahmamsi, CEO

Place and date of issue:

Birmingham, England   20/03/2025