



Declaration of Performance

Cationic Bituminous Emulsion

No. C23

Manufacturer

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

Location

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

Product description

Cationic bitumen emulsion for use in spray injection patching on roads and other trafficked areas

Additional information

Patchmaster 100 bitumen emulsion is designed for specific aggregates in the spray injection patching process.

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 <ul style="list-style-type: none">Efflux 2 mm at 40°CWater effect on binder adhesionBreaking behaviour	15-70 s (Class 3) ≥ 90 (Class 3) 70-195 (class 3/4)	EN 13808 – Table 2 EN 12846-1 EN 13614 EN 13075-1
RECOVERED BINDER <ul style="list-style-type: none">Penetration at 25°C, 0.1 mmSoftening point, °CCohesion by pendulum, J/cm²	≤ 150 (Class 4) ≥ 39 (Class 7) NR	EN 13074-1 EN 1426 EN 1427 EN 13588
STAGE 1 DURABILITY - STABILISED BINDER <ul style="list-style-type: none">Durability of penetration at 25°C, 0.1 mmDurability of softening point, °CDurability of cohesion by pendulum, J/cm²	NPD NPD NR	EN 13074-1 followed by EN 13074-2 EN 1426 EN 1427 EN 13588
STAGE 2 DURABILITY - AGED BINDER <ul style="list-style-type: none">Durability of penetration at 25°C, 0.1 mmDurability of softening point, °CDurability of cohesion by pendulum, J/cm²	≤ 150 (Class 4) ≥ 39 (Class 7) NR	EN 13074-1 followed by EN 13074-2 and EN 14769 EN 1426 EN 1427 EN 13588
Dangerous regulated substances	NPD	EN 13808 – 5.5

Signed on behalf of Colas Ltd:

Faical Lahmamsi, Chief Executive Officer

Place and date of issue: Birmingham, England

7/11/2024