



Declaration of Performance

Cationic Bituminous Emulsion

No. C16

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

Cationic modified bitumen emulsion for use as bond coat for roads and other trafficked areas

Additional information

Colbond 50 is a bitumen emulsion that, when fully broken, resists pick-up on the tyres of equipment and vehicles. Drums should be rolled frequently to avoid separation.

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
<ul style="list-style-type: none"> Efflux 2 mm at 40°C Water effect on binder adhesion Breaking behaviour 	15-70 s (Class 3) NR (Class 0) 110 - > 170 (Class 4/5)	EN 12846-1 EN 13614 EN 13075-1
RECOVERED BINDER		EN 13074-1
<ul style="list-style-type: none"> Penetration at 25°C, 0.1 mm Softening point, °C Cohesion by pendulum, J/cm² 	≤ 100 (Class 3) ≥ 50 (Class 4) ≥ 1.0 (Class 4)	EN 1426 EN 1427 EN 13588
STAGE 1 DURABILITY - STABILISED BINDER		EN 13074-1 followed by EN 13074-2
<ul style="list-style-type: none"> Durability of penetration at 25°C Durability of softening point Durability of cohesion by pendulum 	NPD NPD NPD	EN 1426 EN 1427 EN 13588
STAGE 2 DURABILITY - AGED BINDER		EN 13074-1 followed by EN 13074-2 and EN 14769
<ul style="list-style-type: none"> Durability of penetration at 25°C, 0.1 mm Durability of softening point, °C Durability of cohesion by pendulum, J/cm² 	≤ 100 (Class 3) ≥ 50 (Class 4) ≥ 0.7 (Class 5)	EN 1426 EN 1427 EN 13588
Dangerous regulated substances	NPD	EN 13808 – 5.5

Signed on behalf of Colas Ltd

Faical Lahmamsi, CEO

Place and date of issue

Birmingham, England

23/01/2023