



Declaration of Performance

Cationic Bituminous Emulsion

No. C29

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 bitumen emulsion for use as binder for surface dressing of footways and other trafficked areas

Additional information

Leochip VLS is cold applied binder for footway and driveway surface dressing. Drums should be rolled frequently to avoid separation. Prior to use, surfaces should be free from weeds, standing water, dust, dirt, loose material and oil spillage. It is applied at temperatures in excess of 10°C and dry conditions should prevail for at least 12 hours subsequently.

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"> Dynamic viscosity at 40°C, mPa.s Water effect on binder adhesion Breaking behaviour 	Min. 8000 (0.005s ⁻¹) or Max. 1200 (1s ⁻¹) ≥ 90 (Class 3) NPD	EN 13808 – Table 2 EN 13302 EN 13614 EN 13075-1
RECOVERED BINDER <ul style="list-style-type: none"> Penetration at 25°C, 0.1 mm Softening point, °C Cohesion by pendulum 	≤ 220 (Class 5) ≥ 35 (Class 8) 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 Durability of softening point Durability of cohesion by pendulum 	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 mm Durability of softening point Durability of cohesion by pendulum 	≤ 220 (Class 5) ≥ 35 (Class 8) 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 Lahmamso, CEO

Place and date of issue

Birmingham, England

23/01/2023