

Declaration of Performance

Cationic Bituminous Emulsion

No. C2

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

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

Additional information

Surfix 80S is a cost-effective binder that can be used for most types of road surface dressing programmes. 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 <ul style="list-style-type: none"> Efflux 4 mm at 40°C Water effect on binder adhesion Breaking behaviour 	5-100 s (Class 5/6) ≥ 90 (Class 3) < 110-155 (Class 2/3)	EN 13808 – Table 2 EN 12846-1 EN 13614 EN 13075-1
RECOVERED BINDER <ul style="list-style-type: none"> Penetration at 25°C Softening point Cohesion by pendulum 	≤ 220 (Class 5) ≥ 35°C (Class 8) ≥1.0 J/cm2 (Class 4)	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 Durability of softening point Durability of cohesion by pendulum 	≤ 330 (Class 7) ≥ 35°C (Class 8) NR	EN 13074-1 followed by EN 13074-2 and EN 14769 EN 1426 EN 1427 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 23/01/2023