



Declaration of Performance

No. M5

Manufacturer

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

Location

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

Product description

Polymer modified bitumen for use in construction and maintenance of roads, airfields and other trafficked areas.

Additional information

H4 Polymer is a modified binder that is suitable for the preparation of longitudinal and transverse joints in pavement surface course, including those comprising asphalt with polymer modified binder.

The construction product described conforms to the requirements provided below

Annex ZA of BS EN 14023:2010 – AVCP system 2+

No. of Certificate of Factory Production Control

UK 0086-CPR-649099

Performance characteristics

Characteristic	Category
Penetration at 25°C, 0,1mm	45-80 (Class 4)
Softening point, °C	≥ 50 (Class 8)
Cohesion <ul style="list-style-type: none"> Force ductility at 5°C [50 mm/min traction], J/cm² 	≥ 3 (Class 2)
Resistance to hardening [BS EN 12607-1] <ul style="list-style-type: none"> Retained penetration at 25C, % Increase in softening point, °C Change of mass, % 	≥ 55 (Class 6) ≤ 12 (Class 4) ≤ 0.5 (Class 3)
Brittleness of low service temperature <ul style="list-style-type: none"> Fraass breaking point, °C 	NPD
Strain recovery <ul style="list-style-type: none"> Elastic recovery at 25°C, % Elastic recovery at 10°C, % 	≥ 50 (Class 5) NPD
Dangerous substances X:	NPD

Signed on behalf of Colas Ltd:

Faical Lahmamsi, Chief Executive Officer

Place and date of issue: Birmingham, England

28/10/2024