



## 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**

M5 UK 0086-CPR-781845

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

**Signed on behalf of Colas Ltd:**

Thierry Madelon, Chief Executive Officer

**Place and date of issue:** Birmingham, England

13/01/2026