

POLYBOND 50

GENERAL INFORMATION

Designed to provide a film of bituminous binder to:

- 1) Provide an adhesive bond between the bituminous layers.
- 2) Waterproof seal the road construction to prevent the ingress of water.
- 3) Prevent pick-up from site traffic after breaking at ambient temperature.

Can be provided in bulk or 200kg drums

A cationic bitumen emulsion to EN13808 2013 C50BP3

Recommended spraying temperature range between 60°C and 85°C

Only apply Polybond 50 when the ground temperature is above 5°C and rising and less than 40°C and humidity should preferably not exceed 70%

Rate of spread guidelines are given in BS EN 594987

CHARACTERISTICS

Requirement	Selected classes from Table 2
Particle Polarity	Positive
Breaking Value	70 – 155 – Class 3
Binder Content	≥ 48 – Class 4
Efflux time 2mm at 40°C	≤ 20 – Class 2

BINDER TEST RESULTS

RECOVERED	Selected Classes From Table 4
Penetration	≤ 150 – Class 4
Softening Point	≥ 46 – Class 5
Cohesion	NPD

STAGE 1 DURABILITY	Selected Classes From Table 4
Penetration	≤ 150 – Class 4
Softening Point	≥ 45 – Class 5
Cohesion	≥ 1.0 – Class 4