



Bond / Tack Coats

COLBOND POLYMER BOND COAT - (C60BP1)

COLBOND is a premium polymer modified bond coat specifically designed for bonding of wearing course macadam.

- Manufactured to an ISO 9001:2008 Quality Production System & ISO 14001:2004 Environmental Management System.
- Conforms with the NRA Binder Specifications: RC380/2009 Table 3 & IS EN 13808:2005
- Excellent sealing and bonding ability between macadam layers
- Solvent free emulsion
- No dangerous fumes
- Reduced pickup by site machinery compared to normal tack coats
- Polymer modified binder to give a stronger adhesion between asphalt layers
- Quick break emulsion to allow for early trafficking

Application

COLBOND can be applied by standard road spraying equipment which should conform to relevant calibration standards (BS 1707 and EN 12272)

Properties of Cationic Bitumen Emulsion: C60BP1 COLBOND POLYMER MODIFIED EMULSION

Property	Test Method	Unit	NRA Binder Specification 2011	Typical Value
Perceptible Properties	IS EN 1425	None	TBR (Class 1)	Pass
Particle Polarity	IS EN 1430	None	Positive (Class 2)	Positive
Breaking Value	IS EN 13075-1	None	*TBR (Class 1)	110
Residue on Sieving 500µm sieve (percent by mass)	IS EN 1429	% by mass	*NPD (Class 0)	0.5
Binder Content ^b (by water content)	IS EN1428	% by mass	65-69	65.5
Recovered Binder Content ^c (by distillation)	IS EN 1431	% by mass	≥ 65(Class 7)	65.3
Oil Distillate Content	IS EN 1431	% by mass	≤ 3 (Class 3)	2.0
Penetration on residue from Distillation @ 25°C	IS EN 1426	0.1mm	100 – 250	200
Viscosity, Redwood No 11 @ 85°C	BS 434	Second	*NPD (Class 0)	*NPD (Class 0)