



Bond / Tack Coats

CATIONIC 40% - (C40BF1)

CATIONIC 40% is a road bitumen emulsion with a 40% binder content for tack coating applications.

- No dangerous fumes
- Low temperature application which saves on fuel
- Excellent sealing and bonding ability between macadam layers
- 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

Application & Storage

CATIONIC 40% is supplied in bulk by road tankers and can be applied by standard road spraying equipment. Cationic 40% should be stored at 50-75°C in bulk storage tanks

Properties of Cationic Bitumen Emulsion: C40BF1 CATIONIC 40%

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	38-42	40
Recovered Binder Content ^c (by distillation)	IS EN 1431	% by mass	*NPD (Class 0)	N/A
Oil Distillate Content	IS EN 1431	% by mass	≤ 3 (Class 3)	1.5
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)