

Grave Emulsion - (C60BF1)

Grave emulsion is a specially designed slow setting emulsion for Cold Mixes such as Stabilised Wet Mix, Grave Emulsion macadams and recycling.

- 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
- Suitable with most Irish aggregates.
- Excellent Duriez crushing strengths
- No dangerous fumes
- Solvent free emulsion
- Low temperature application which saves on fuel

Application

Grave emulsion macadam is typically applied using a hot mix paver or by a road grader

- Recommended Macadam Binder Content:
- 3.30% +/- 0.30% for Stabilised Wet Mix Macadam
 - 4.0% +/- 0.50% for Grave Emulsion Macadam

Properties of Cationic Bitumen Emulsion: C60BF1 Grave 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)	>100
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 EN 1428	% by mass	58-62	61.0
Recovered Binder Content ^c (by distillation)	IS EN 1431	% by mass	≥ 58(Class 5)	61.0
Oil Distillate Content	IS EN 1431	% by mass	≤ 3 (Class 3)	0
Penetration on residue from Distillation @ 25°C	IS EN 1426	0.1mm	100 – 250	>100
Viscosity, Redwood No 11 @ 85°C	BS 434	Second	*NPD (Class 0)	*NPD