

STYEMUL CR-1d (C60BP3 ADH)

EMULSIONS ■ TACK COATS

DEFINITION:

Fast breaking cationic bituminous emulsion for tack coats in which the original binder is a bitumen chemically modified with Elaster polymers. Compliant with the specifications of article 214 of the General Technical Specifications for Road and Bridge Works (PG-3) and those included under standard UNE 13808:2013/1M:2014 for a type C60BP3 ADH emulsion.

SPECIFICATIONS:

Characteristics	Unit	Standard	Min.	Max.
Original Emulsion				
Particle polarity	-	UNE EN 1430	Positive	
Breaking value (Forshammer filler)	-	UNE EN 13075-1	70	155
Binder content per water content	%	UNE EN 1428	58	62
Efflux time (2 mm, 40 °C)	s	UNE EN 12846-1	15	70
Settling tendency (7 days storage)	%	UNE EN 12847	-	10
Residue on sieving (0.5 mm)	%	UNE EN 1429	-	0,1
Water effect on binder adhesion	%	UNE EN 13614	90	-
Binder after distillation (UNE EN 1431)				
Penetration (25°C)	0,1mm.	UNE EN 1426	-	110
Softening point	°C	UNE EN 1427	50	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0,5	-
Elastic recovery (25°C)	%	UNE EN 13398	DV	-
Evaporation residue (UNE EN 13074-1)				
Penetration (25°C)	0,1mm.	UNE EN 1426	-	150
Softening point	°C	UNE EN 1427	43	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0,5	-
Elastic recovery (25°C)	%	UNE EN 13398	DV	-
Stabilizing residue (UNE EN 13074-2)				
Penetration (25°C)	0,1mm	UNE EN 1426	-	100
Softening point	°C	UNE EN 1427	50	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0,5	-
Elastic recovery (25°C)	%	UNE EN 13398	DV	-

DV= Value to declare

APPLICATIONS:

- Tack coats.

GUIDING WORKING TEMPERATURES:

- Recommended application temperatures will be comprised between: 20 and – 60°C. Within this range, it is not necessary to heat the emulsion to apply it, but if this is done, special care should be taken not to exceed the limit of 60°C. For this, it is advisable to heat the emulsion by means that ensure control over the temperature and an even temperature across the emulsion, avoiding spot overheating that could deteriorate it.

GUIDING AMOUNTS:

- 330 – 500 g/m² of emulsion for tack coats, depending on the condition of the base surface and recommendations of the PG-3.
- Note: On milled pavements, in order to avoid an excess of emulsion from settling in the grooves created, special care will be taken to apply the coat, opting for a two-coat application if necessary.

RECOMMENDATIONS:

- Cleaning of base surface, especially when the tack coat is applied on milled pavements.
- Application of the coat with spraying lance will be avoided.
- Equipment adequate for a good dosage, with injectors that are clean and in good condition.

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