

Styemul TRG-AP (C69BP3 TRG)

EMULSIONS ■ SURFACE DRESSINGS

DEFINITION:

Fast breaking cationic bituminous emulsion for surface treatments with high performance gravel coating, in which the original binder is made of a bitumen modified with Elaster polymers. It meets the specifications contained in standard UNE EN 13808:2013/1M: 2014 for a C69BP3 type 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	67	71
Efflux time (4 mm, 40°C) (*)	s	UNE EN 12846	40	100
Settling tendency (7 days storage)	%	UNE EN 12847	-	5
Residue on sieving (0.5 mm)	%	UNE EN 1429	-	0.1
Water effect on adhesion	%	UNE EN 13614	90	-
Distillate waste according to UNE EN 1431				
Penetration (25°C)	0.1mm	UNE EN 1426	-	220
Softening point	°C	UNE EN 1427	43	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0.7	-
Elastic recovery (25°C)	%	UNE EN 13398	50	-
Evaporation waste according to UNE EN 13074-1				
Penetration (25°C)	0.1mm	UNE EN 1426	-	330
Softening point	°C	UNE EN 1427	35	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0.7	-
Elastic recovery at (25°C)	%	UNE EN 13398	50	-
Stabilization waste according to UNE EN 13074-2				
Penetration (25°C)	0.1mm	UNE EN 1426	-	220
Softening point	°C	UNE EN 1427	43	-
Cohesion (Vialit pendulum)	J/cm ²	UNE EN 13588	0.7	-
Elastic recovery (25°C)	%	UNE EN 13398	50	-

(*) An efflux time of 5-70 s through 4 mm orifice at 40°C is allowed.

DV= value declared by the supplier.



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APPLICATIONS:

- Surface dressing for T1, T2 and T3 traffics, mainly of the types:
 - Single layer.
 - Sandwich.

GUIDING WORKING TEMPERATURES:

- Application temperature (°C): 40 - 60. In the event that the emulsion needs warming, special care will 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:

- Depends on the type of treatment and the characteristics of gravel mainly.

RECOMMENDATIONS:

- Cleaning of aggregates and base surface.
- Specified gravel type.
- Appropriate equipment, with clean injectors in good condition, for the correct and uniform dosage across the base surface, avoiding the use of lance spraying.

Review no.: 4

Approved: 01/06/2016

Next review: 01/06/2021



ER-0129/1994



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