

STYEMUL TRG-3 (C69BP2 TRG)

DEFINITION:

Fast setting cationic bituminous emulsion with high viscosity to minimize emulsion runoffs, in which the original binder is made of a polymer modified bitumen type Elaster. Compliant with the specifications contained in standard EN 13808:2013 for a C69BP2 type emulsion.

SPECIFICATIONS:

Characteristics	Units	Standard	Min.	Max.
Original emulsion				
Particle polarity	-	EN 1430	Positive	
Breaking value (Forshammer filler)	-	EN 13075-1	-	110
Binder content (per water content)	%	EN 1428	67	71
Efflux time (4 mm, 40°C) (*)	s	EN 12846-1	40	100
Settling tendency (7 days)	%	EN 12847	-	5
Residue on sieving (0,5 mm)	%	EN 1429	-	0,10
Water effect on binder adhesion	%	EN 13614	90	-
Residual binder				
EN 1431				
Penetration (25 °C)	0,1 mm	EN 1426	-	220
Softening point	°C	EN 1427	43	-
Cohesión (Vialit pendulum)	J/cm ²	EN 13588	0,5	-
Elastic recovery (25°C)	%	EN 13398	DV	-
Recovered binder				
EN 13074-1				
Penetration (25 °C)	0,1 mm	EN 1426	-	330
Softening point	°C	EN 1427	35	-
Cohesión (Vialit pendulum)	J/cm ²	EN 13588	0,5	-
Elastic recovery (25°C)	%	EN 13398	DV	-
Stabilised binder				
EN 13704-2				

Penetration (25 °C)	0,1 mm	EN 1426	-	220
Softening point	°C	EN 1427	43	-
Cohesión (Vialit pendulum)	J/cm ²	EN 13588	0,5	-
Elastic recovery (25°C)	%	EN 13398	DV	-

(*) Efflux time between 5 - 70 s by 4 mm is allowed, depending on the characteristics of the materials to be used.
DV = Declared value

APPLICATIONS:

- High performance surface dressings (residual polymer modified binder).

RECOMMENDED WORKING TEMPERATURES:

- Application temperature (°C): 40-60. Within this range, heating the emulsion is not necessary for its application but, If the emulsion must be heated, special care must be taken to not exceed the 60°C limit. In this case, it is recommended to carry out the heating with means that guarantee correct temperature control and its homogeneity throughout the emulsion, avoiding specific overheating that could damage the product.

RECOMMENDED DOSAGE:

- Depending on the type of treatment and the gravel size, the dosage will be different. For application using two layers, the residual binder dosage will vary around 1.3 – 2.2 kg/m² between them.

GENERAL RECOMMENDATIONS:

- Cleaning the support and the chippings.
- It is recommended to use the specified chipping shape.
- Appropriate equipment, with clean injectors for a proper and homogeneous dosage throughout the support, avoiding spear irrigation.