

STYEMUL CR-1 (C60BP3 ADH)

DEFINITION:

Fast breaking cationic bituminous emulsion for tack coats in which the original binder is made of a polymer modified bitumen type Elaster. Compliant with the specifications in standard EN 13808:2013 for a C60BP3 type emulsion.

SPECIFICATIONS:

Characteristics	Units	Standard	Min.	Max.
Original emulsion				
Particle polarity	-	EN 1430	Positive	
Breaking value (Forshammer filler)	-	EN 13075-1	70	155
Binder content (per water content)	%	EN 1428	58	62
Oil distillate content	%	EN 1431	-	3
Efflux time (2 mm, 40°C)	s	EN 12846-1	15	70
Settling tendency (7 days)	%	EN 12847	-	10
Residue on sieving (0,5 mm)	%	EN 1429	-	0,10
Water effect on binder adhesion	%	EN 13614	NR	-
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	-

DV = declared value

APPLICATIONS:

- Tack coats.

RECOMMENDED WORKING TEMPERATURES:

- Application temperature (°C): 20-60. 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:

- 300 – 500 g/m² of emulsion, depending on the ground conditions.

GENERAL RECOMMENDATIONS:

- Cleaning of the support, especially when the coating is applied over milled pavements.
- Spear irrigation will be avoided.
- Equipment adequate for a proper dosage, with clean injectors and in good condition.