

ADHERMUL XD (C60B3 TER)

DEFINITION:

Fast breaking cationic bituminous emulsion for trackless tack coats, with a high consistency residual binder to avoid adherence to site traffic and allow greater efficacy. Compliant with the specifications in standard EN 13808:2013 regulation for a C60B3 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 wáter content)	%	EN 1428	58	62
Efflux time (2 mm, 40°C) (*)	s	EN 12846-1	15	70
Setting tendency (7 days storage)	%	EN 12847	-	5
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	-	50
Softening point	°C	EN 1427	55	-
Fraass point	°C	EN 12593	-	-5
Recovered binder				
EN 13074-1				
Penetration (25 °C)	0,1 mm	EN 1426	-	50
Softening point	°C	EN 1427	55	-
Stabilised residue				
EN 13704-2				
Penetration (25 °C)	0,1 mm	EN 1426	-	50
Softening point	°C	EN 1427	55	-

(*) Efflux time between 40 – 130s is allowed for applications at higher temperature.

APPLICATIONS:

- High performance tack coats between hot asphalt mix layers.

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 – 400 g/m² of emulsion, depending on the base surface condition.
- Note: on milled pavements, to avoid an excess of emulsion from settling in the grooves created, special care must be taken to apply the coat, making a two-coat application if necessary.
- High amounts can lead to greater stickiness of the residual binder for traffic.

GENERAL RECOMMENDATIONS:

- Cleaning the support, especially when the tack coat is applied on milled pavements.
- Spear irrigation will be avoided.
- Appropriated equipment for a proper dosage, with injectors that are clean and in good conditions.
- Clean the pipes and diffusers immediately after coat application.
- The application of the following asphalt mix or traffic of site vehicles will take place (depending on the base surface and the weather conditions) between 10 min and approximately one hour after the application of the emulsion.
- Do not store for more than 15 days. After 7 days the homogeneity of the stored product must be guaranteed by the appropriate means.