



Mamz PrimeCoat[®]



Eco-friendly bitumen emulsion prime coat

Mamz PrimeCoat[®] is a specially formulated bitumen emulsion primer, designed to penetrate wide range of granular pavement materials under miscellaneous weather conditions.

The function of a road primer is to bind the surface, reduce permeability and provide a sound interface for subsequent surfacing such as chip seal or asphalt overlay.

Why use Mamz PrimeCoat[®]?

Mamz PrimeCoat[®] is an eco-friendly water based bitumen emulsion primer. It has high edge over competitive products especially the solvent based cut backs. Slow rate of evaporation of solvents in conventional primers is scientifically proved now. Whereas **Mamz PrimeCoat[®]** completely sets in less than 24 hrs.

Being a predominantly water base product it saves a lot of hassles like heating, handling, flashpoint flammability, explosivity etc. It can be used at any ambient temperature in between 5°C to 50°C. The base bitumen properties are strictly maintained during manufacturing process on highly efficient top of the line Mamz Asphalt Technology automatic plants.

Our products are serving national economy over years by curtailing the imports of hydro carbon based solvents and by saving environment.

Standard Compliance

ASTM D140, ASTM D244, ASTM D977,
BS 434, AASHTO M-140, AASHTO D242-38

Properties

Appearance	:	Brown Liquid
Residue	:	55 - 62%
Saybolt Furol Viscosity	:	20 Sec - 30 Sec @25°C
Particle Size	:	3 - 6 Microns
Settlement 5 days	:	< 3%
Setting Time at 30°C	:	
Initial set	:	≤ 6 hrs
Final set	:	≤ 24 hrs
Grades Available (Anionic/Cationic)	:	RS-1, MS-1, SS-1
Coverage	:	0.65Kg/m ² - 1.75Kg/m ²



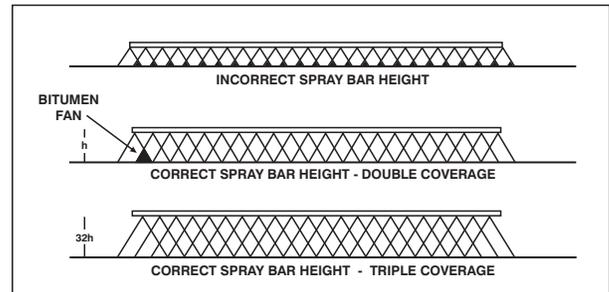
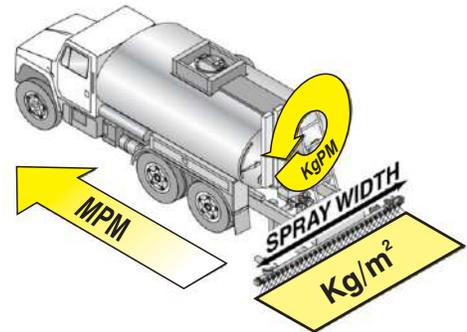
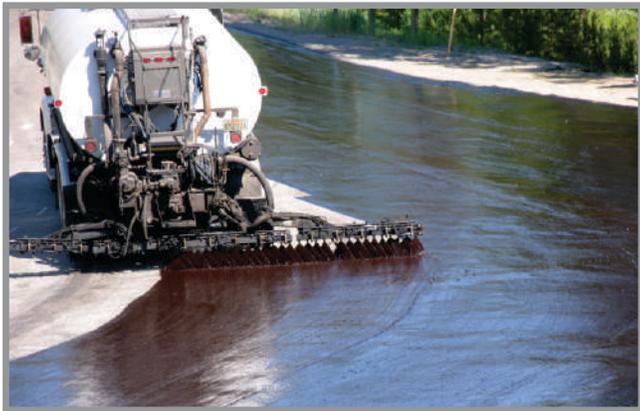
Mamz Asphalt Technologies (Pvt.) Ltd.

Mamz PrimeCoat®

How to apply Mamz Prime Coat®?

Emulsified Prime Coat must be diluted with suitable water prior to application. It enhances its penetrability in base course. If site conditions do not facilitate dilution, a pre-diluted ready to use version may also be ordered.

Mamz PrimeCoat® may be applied using conventional spraying equipment. It is applied cold and penetrates quickly. The rate of application varies from 0.65 Kg/m^2 - 1.75 Kg/m^2 according to the nature of the substrate. The site engineers shall decide the final coverage according to prevailing conditions after trial.



Try to achieve a triple overlap. A double overlap can work too, but triple is the most common and a little more forgiving. A triple overlap ensures uniform placement of material, and that's what we want.

What is a good Spraying Practice?

The correct application of **Mamz PrimeCoat®** depends on four variables. They are the desired application rate, in fractions of Kilograms or liters per square meter; the forward ground speed, in meter per minute; the asphalt pump output, in Kilograms or liters per minute; and the width of the spray in meters. The onboard metering system gives the operator precise control of the application of asphalt, with either manual or computer control. Nozzle alignment is an important part of the process; get all nozzles at the same angle. If not, a non-uniform spray pattern will result.

How Mamz PrimeCoat® is supplied & Stored?

Mamz PrimeCoat® is supplied in ready to use 218 Kg gross steel drums. However bulk arrangements may also be done according to client demand and need.

Mamz PrimeCoat® has a storage life of 12 months in unopened condition. It must be stored with in a temperature range of 5°C to 50°C .



Roofline Group of Companies



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