

PRODUCT DATA SHEET



PRODUCT NAME: SAMIBioPrime

DESCRIPTION

SAMIBioPrime is an environmentally friendly cationic emulsion primer. It is a penetrating primer specifically formulated for use on compacted stabilized or bound base course surfaces (lime or cement), or on unbound compacted surfaces. It contains no petroleum solvents that have flammable vapors which are hazardous to workers and release harmful VOC's into the environment. It is made from sustainable, natural resources that do not pollute the environment. It is water based, safe and easy to use.

FEATURES

- Solventless, no flammable or harmful volatiles, made from renewable resources;
- Superior penetration into all types of compacted base materials;
- Toughens the base surface to prevent damage from construction equipment;
- Protects the base from moisture ingress;
- Coats and bonds loose material on the surface of the base;
- Provides excellent adhesion between the base and the overlaying course;
- It can be sealed or asphalted over within 12 hours;
- Recommended application temperature 50 to 60°C.

APPLICATIONS

On bound/unbound granular base courses.

TECHNICAL PROPERTIES

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES	SPECIFICATION
Residue form Evaporation (mass)	%	AS/NZS 2341.23	38	Min. 35
Viscosity at 25°C	mPa.s	AS 2341.4	8	Min. 3
pH	-	AS 2341.32	2.0	1.5 – 4.0

STORAGE, HANDLING & USAGE

- The storage time is limited to 3 days since manufacturing. For a long period of storage time, please contact our technical department for additional guidance;
- It must not be diluted with water;
- The application rate is between 0.5 to 0.8 L/m² depending on the porosity of the base course; it can be applied at ambient temperature however for best results a spray temperature of 40 – 60 °C is suggested (do not heat above 70 °C);
- The base course must be dry and thoroughly cleaned up (swept) prior to the application of SAMIBioPrime
- Setting and curing are dependent on the weather conditions with the primer deemed to be cured when the color has turned from brown to black.

AVAILABILITY

Available in 200L drums or bulk (minimum 6 tonnes) on order in all the States and Territories.

Disclaimer: Whilst every care is taken to provide accurate information, it is intended as a guide only and no responsibility is accepted nor is it warranted suitable for a particular application.