

DE-400

EPOXY TOP COATING SYSTEM

DESCRIPTION:

Danlaid DE-400 Roll-on Epoxy Coating System is a high solids, high build epoxy resin coating formulated for long work time and ease of use. It provides a hard wearing surface suitable for foot and rubber-tyred vehicles. Danlaid DE-400 Roll-on can be applied using the 'spread and sprinkle' technique to produce non-slip surfaces for maximum safety. The product is easily applied by roller or brush, and is available in a wide range of colours. When cured Danlaid DE-400 Roll-on is vapour proof and does not support bacterial growth and is readily cleaned. This product meets the requirements of AS4020 for potable water.

APPLICATION DATA:

Danlaid DE-400 Roll-on should not be applied to surfaces subject to rising damp or have moisture content higher than 4%. The surface must be free from oils, chemicals and any other material that may affect the adhesion such as concrete curing membranes. Cement based substrates should be at least 21 days old.

Part A and B should be mixed at low speed, thoroughly for 3 minutes. Allowing the paint to develop heat in the mixing container to above 18 °c in cold weather will assist in speeding the cure on the floor. Do not thin, as this may have adverse affects on cured film properties.

APPLICATION PRECAUTIONS:

High atmospheric humidity or drops in 4 °c temperature around dew point may result in condensation on the uncured film causing changes in the film surface. This is commonly known as whitening or blooming. This effect may cause loss of intercoat adhesion. In these conditions good adhesion may be obtained by re-roughening the surface. Although the coating cures at colder temperatures, the extended gel times may make the resultant film susceptible to water spotting. Maximum relative humidity during cure should not exceed 85%. The cure film must be protected from condensation and water for at least 1 week at 20 °c. Danlaid DE-400 Roll-on is flammable. Good ventilation must be available at all times. Consult MSDS. Danlaid DE-400 Roll-on will yellow and loose gloss on direct exposure to sun light.



TECHNICAL DATA:

Mix Ratio	3 Parts A to 1 part B by Volume
Density kg/lt	Part A 1.73
	Part B 1.00
Solids Content Volume approx	88%
PotLife 20 °c	1 hour
Coverage	1 litre covers 4.25m ² at 200 micron dry film build (Theoretical)
Hardeners Temperature range	HS Tropical 25 – 35 °c
	HS Standard 15 - 25 °c
	HS Fast 5 - 15 °c
Application Temperature	5 °c to 35 °c
Maximum recoat time	18 hours 20 °c
Cure Times (HS Standard)	Tack Free 5.5 – 6.0 hours
	Light Traffic 48 hours
	Full Cure 7 Days
Number of coats	2 for 400 microns dry film build
DG Transport/Storage	Flammable Paint UN 1263 Part A
	Corrosive Liquid UN 1760 Part B

Date of printing: April 13, 2005 supersedes all previous issues.

IMPORTANT NOTE:

The specification listed above is given to the best of our knowledge, however, it is given without any warranty expressed or implied. The specification is subject to change without notice. Consult **QUALITY CONTROL REPORT** available for each Batch for actual results. Consult **MATERIAL SAFETY DATA SHEET** for handling of material.

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