

OP9018 Primer

Product Code: OP9018

PRODUCT DESCRIPTION

OP9018 is an air drying primer which promotes the adhesion of many polyurethane resin systems to many difficult and varied substrates. This primer has been particularly successful in promoting the adhesion of polyurethane resins to ferrous and non-ferrous metals giving rise to cohesive failure of the resin itself.

In any application where adhesion is a prime factor, cleanliness is of the utmost importance and all substrates should be degreased using solvents such as **Electrolube Ultrasolve** or **Ultracleans**. For optimum adhesive performance the substrate should be roughened by some method to allow the primer to key itself into the surface (suitable methods are shot blasting or sanding).

The primer is applied by dipping or brushing and is then allowed to dry for approximately 1 - 2 hours, or until nearly tack free, before applying the resin system. Maximum bond strengths are obtained by allowing the resin/primer to cure for a period of 7 days or baking at 70 - 90°C for a minimum of 2 hours.

The above recommendations are only a guide from previous experiences and it is advisable to carry out trials in order to ascertain the suitability of this primer to your application.

TYPICAL PROPERTIES

Boiling Point	107-135°C
Density	0.95 g/cm ³
Solubility in Water	Insoluble
% Volatiles by Weight	78
Appearance	Blue viscous liquid with organic odour
Flash Point	5°C
Storage Classification	Flammable Liquid Class A
Reactivity	
Shelf Life	1 year between 10 and 30°C in original and unopened containers

TECHNICAL
DATA
SHEET

Copyright Electrolube 2003

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification. Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

