



Elastothane

Polymer Coating Technologies

ELASTOLINE 1400 ALIPHATIC TOP COAT

Elastoline 1400 is an aliphatic waterborne polyurethane coating that can be sprayed in a mold or used as a UV-stable topcoat. This product will dry quickly which may help reduce production times. The cured polymer produces an extremely tough and flexible surface with excellent color retention qualities. Standard colours are black and white.

PRODUCT FEATURES

Colour Stability	Minimal colour change due to UV exposure
Film Properties	High degree of flexibility combined with tensile strength gives excellent durability and abrasion resistance.

TECHNICAL DATA

Criteria	1400 Polyol	1400 Iso
Viscosity at 23°C (mPa.s)	350 ± 100	1000 ± 250
Ratio by weight	17.36:1	
Pot life	2 – 4 hours	
Cure to touch	3 – 5 minutes	
Cure to handle	10 minutes	
Full cure	7 days	



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STORAGE

Stored in unopened original containers, 1400 Polyol will have a shelf life of one year.

Stored in unopened original containers, 1400 Polyol will have a shelf life of six months.

Store between +5°C to + 25°C.

APPLICATION GUIDELINES

Surface Preparation

The application surface should be thoroughly cleaned to remove any loose material, dust or grease.

Application Equipment

Single line airless spray equipment or pressure pot.

Mixing

Mix Elastothane 1400 Base until pigment is evenly distributed, add Elastothane 1400 Crosslinker and mix for 2 minutes, take care to avoid whipping air into the liquid.

Application

1400 is applied at a rate of 1.0-3kg/m². It is recommended that the product is applied at temperatures greater than 10°C. All substrates to be coated should have a surface temperature at least 3°C above dew point to reduce delamination risk due to Condensation.

Quality Control

For specific information on using this product please consult our method statement. A test spray should be carried out prior to installing the product to ensure ratio and machine settings are correct.



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HEALTH & SAFETY

Before use, ensure that you have read the relevant Health and Safety Data Sheet for this Product.

The Company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service. This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the Company's terms and conditions.



MADE IN BRITAIN

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