

SIPTHANE 370

High Build Gloss Aliphatic Urethane

Product No. 6370

Features

- High Build, High Solids, Low VOC.
- High Gloss and Gloss Retention.
- Outstanding Colour Retention.
- Durable Film Properties, - Hard, tough coating resists damage - good chemical and solvent resistance.
- Excellent Application Properties.

Recommended Use

- Transportation industry, chemical processing industry, pulp and paper industry, bridges, storage tanks, fishing fleets, Passenger vessels and Support vessels.
- Recommended for Steel, Aluminium, Masonry or Fibreglass when Properly Primed.

Physical Data

Finish : High Gloss

Colours : See colour card.

Volume Solids : 60% (for Standard colours)
45% (for Aluminium Ral 9006)

Recommended Film Thickness:
60 - 150 microns dry 100 - 250 microns wet (Std.)

Theoretical Coverage:
10 m²/ltr. at 60 microns

Density (mixed product) : 1.40 kg/ltr.

Drying Times :

25°C / 65%RH

Dry to Recoat : 04 Hours
Hard Dry : 08 Hours
Maximum Recoating Time : 04 Weeks

Heat Resistant : 121°C dry

Flash Point : 38°C

Specification Data

Preparation

All surfaces to be coated must be free of grease, dust, dry spray, moisture and other foreign matter and be properly primed with a compatible epoxy primer. To insure the best appearance, the primer or undercoat should be smooth and free of any surface defects such as runs, dry spray or heavy orange peel.

Suitable primers for steel, aluminium and masonry surfaces are SIPRIME 215 and SIPOXY-SHIELD 275 and 285. For self recoating aged SIPTHANE 370 Enamel, use SIPCLEAN 615 Cleaner.

Application Data

			For Aluminium (Ral 9006 Only)
Mixing Ratio by Volume	Base	: 6 parts	Base : 9 parts
	Hardener	: 1 part	Hardener : 1 part
Mixing Advice	<p>SIPTHANE 370 Enamel is a two component product supplied in 20 ltr. or 5 ltr. kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together. It is important that all mixing equipment is free of moisture and that moisture does not contaminate the coating. Mix the base portion to obtain a smooth, homogeneous condition. Add the hardener slowly with continued agitation. After the hardener has been added, continue to mix for 15 minutes.</p>		
Induction Time	Allow another 15 to 20 minutes induction time before application.		
Thinning	<p>Thinner 760 Thinning is not normally required or desired; however, at lower temperatures small amounts (5% or less) of the Thinner 760 may be added. Excessive thinning can adversely affect the application and appearance properties.</p> <p>Note: Use only Thinner 730 for thinning Aluminium (RAL 9006)</p>		
Pot Life	8 hours at 25°C.		
Application Methods	SIPTHANE 370 Enamel can be applied by airless spray, air spray, roller or by brush.		
Application Details	Airless Spray - 30 : 1 Pump or equivalent and .017" to .023" range tip sizes.		
Cleaning of Equipment	Use Thinner 760.		

Storage Information

Pack Size	5 and 20 ltr. two component kits.
Storage	Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
Shelf Life	2 Years

Safety Information

See the material safety data sheet and product label for complete safety and precaution requirements.

Disclaimer

The information in this data sheet represent test results or experience under well defined conditions. Its accuracy or suitability under the actual conditions of any intended use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller can not accept any liability in connection with the use of the product relative to coverage, performance, injury or damage, unless we specifically agree in writing to do so. The information in this data sheet is subject to change without notice and it is the user's responsibility to ensure it is current. For further information and advice contact SIPCO Technical Services Department on Tel. (03) 847 2299, Fax (03) 847 3780.