

SIPKYD ALUMINIUM 440

Product No. 6440

Aluminium Finish Based on a Synthetic Resin/Oil Combination

Features

- Bright metallic finish
- Excellent hiding and easy application.
- Moderate heat resistance.
- One-pack and economical.
- Approved under APCS-4 & 7.

Recommended Use

- As a superior quality aluminium finish for use in a wide range of marine and industrial applications such as steel structures and pipeline complexes.
- Not suitable for permanent immersion.

Physical Data

Finish : Bright Metallic

Colour : Aluminium

Volume Solids : 44%

Recommended Film Thickness:
25 microns dry = 61 microns wet

Theoretical Coverage:
17.6 m²/ltr. at 25 microns

Density : 1.0 kg/ltr.

Drying and Recoating Times at 40 microns (25°C/65% RH):

Dry to Recoat : 12 Hours

Hard Dry : 16 Hours

Maximum Recoating Time : No Limit

Heat Resistant : 150°C Dry

Flash Point : 42°C

Specification Data

Preparation

All surfaces should be thoroughly degreased in accordance with SSPC-SP1. All dust and other foreign matter should be removed from substrate prior to painting.

Paint System

Finish on intact conventionally primed steel or wooden surfaces.

Application Data

Thinning The paint is supplied ready for brush or airless spray application. If the paint is too thick, in cold weather for example, then add a small amount Thinner 710 / Thinner 0104 to obtain the suitable viscosity. The amount of thinner that may be added is dependent on the application conditions and methods. Overthinning will lead to poor results.

Application Conditions Application temperature: 5 - 50°C. The minimum temperature required for satisfactory drying is 5°C. The surface temperature must be at least 3°C above the dew point to prevent condensation. Never apply paint under adverse weather conditions.

Application directions Prior to application, mix paint thoroughly to obtain an homogeneous product. Use a mixer for this which is powered by air or a flameproof electric motor.

Application Methods and Details

	<u>Airless Spray</u>	<u>Conventional Spray</u>
Recommended thinner	Thinner 710/Thinner 0104	Thinner710/Thinner 0104
Thinner Addition	Max. 5 vol.%	Max. 5 vol.%
Nozzle Orifice	0.015" - 0.017"	1.5 - 2 mm
Working Pressure	140 - 160 bar	3 - 4 bar
<u>Brush/Roller</u>		
Recommended Thinner	Thinner 710 / Thinner 0104	
Thinner Addition	Max. 3 vol.%	

The recommended method of application is by airless spray. However, brush, roller or conventional spray may also be used. The spray fan should be adjusted depending on the nature and shape of the substrate to be painted in order that overspray can be restricted to a minimum.

Cleaning of Equipment Use Thinner 710 / Thinner 0104

Storage Information

Pack Size 5 and 20 ltr. (Single component material)
Storage Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
Shelf Life 1 Year

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.