

SIPZINC 100

Silicon Zinc Rich Primer

Product No. 6100

Features

- Modified Silicon based Zinc Rich Primer.
- Excellent and highly compatible primer for repair of inorganic zinc coating.
- Excellent drying at low temperatures and at high humidity.
- Compatible with most high performance coatings systems.
- Excellent heat resistant up to 400°C in dry.

Recommended Use

- SIPZINC 100 zinc rich coating provides an excellence and good performance using as a primer for repair of galvanized steel or carbon steel exposed to high temperature (from 100°C to 400°C) under moderately corrosive industrial and marine environment

Physical Data

Finish : Flat

Colour : Grey

Volume Solids : 60%

Recommended Film Thickness :
35 - 50 microns dry = 58 – 88

Theoretical Coverage :
17.14 m²/ltr. at 35 microns

Density : 2.2 kg/ltr.

Drying Times :
At 25°C / 65 % RH

Tack free : 1 Hour

Recoatable : 8 hours

Heat Resistant : 400°C dry

Flash Point : 27°C

Specification Data

Preparation

The substrate should be thoroughly degreased in accordance with SSPC-SP1. All burs should be removed and sharp edges or rough weld seams should be ground down. Dry shot or grit blasting is recommended, the required standards of cleanness being in accordance with SIS 05 5900 Grade SA 2.5 or SSPC-SP10. Ensure that all dust, loose abrasive particles and other foreign matter are removed from substrate prior to painting.

In case blast cleaning is not possible, substrates should be power tool cleaned according to St3 or SP3.

Application Data

Thinning	<p>Thinner 770</p> <p>Normally, SIPZINC 100 does not need to be thinned; however, under hot and windy conditions, the slow evaporation rate of Thinner 770 may help to prevent "dry spray". 10 - 15 vol % Thinning may be utilized.</p>
Application Condition	<p>Application temperature: 5 - 50°C.</p> <p>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.</p> <p>Never apply paint under adverse weather conditions.</p> <p>In confined spaces, constant purging of the air during application and drying is necessary to eliminate solvent; vapours for reasons of health and safety as well as to assist evaporation.</p>
Application Directions	<p>Prior to application, mix paint thoroughly to obtain a homogenous product. Use a mixer for this which is powered by either an airdriven or a flame proofed electromotor.</p>
Application Methods	<p><u>Airless spray</u></p> <p>Recommended thinner : Thinner 770</p> <p>Thinner addition : Approx. 5 - 10 vol.%</p> <p>Nozzle orifice : 0.015 - 0.019 inch</p> <p>Working pressure : 120 - 140 bar</p> <p><u>Brush</u></p> <p>Recommended thinner : Thinner 770</p> <p>Thinner addition : Approx. 10 - 15 vol.%</p>
Application Details	<p>The recommended method of application is by airless spray. However, brush, or conventional spray may also be used.</p>
Cleaning of Equipment	<p>Use Thinner 770.</p>

Storage Information

Pack Size	5 ltr. one component.
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 represents 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.