

SIPZINC 140

High Solids Organic Zinc Rich Coating

Product No. 6140

Features

- Organic Zinc Rich: Epoxy base zinc rich primer
- Surface Profile Not Critical:
- Excellent for adhesion to surfaces cleaned to commercial blast (SSPC-SP6, Sa 2).
- Repair Of Existing Zinc Rich Coatings:
- An excellent product for repair of zinc rich coatings or deteriorated galvanised steel surfaces.
- Provides good cathodic protection

Recommended Use

- SIPZINC 140 Organic Zinc Rich Metal Primer is specifically formulated to provide excellent adhesion combined with sacrificial protection to steel surfaces where surface preparation may be less than the ultimate, or where repair of aged zinc rich or galvanised steel surfaces is required.
- Typical applications include chemical process industries, refineries, ships, and sewage plants, off shore structures.

Physical Data

Finish	:	Flat
Colour	:	Grey
Volume Solids	:	80%
Recommended Film Thickness :		
50 -100 microns dry = 63 - 125 microns wet		
Theoretical Coverage :		
16 m ² /ltr. at 50 microns		

Density (Mixed)	:	2.34 kg/ltr.
Drying Times	:	
<u>At 25°C / 50 % RH</u>		
Tack Free	:	05 Hours
Recoatable	:	08 Hours
Hard Dry	:	24 Hours
Heat Resistant	:	150°C dry continuous 220°C dry intermittent
Flash Point	:	27°C

Specification Data

Preparation Steel

Prior to abrasive blasting, remove all grease, oil, salts and moisture. Round off rough welds and sharp edges and remove weld spatter. Abrasive blast to a commercial blast in accordance with Steel Structures Painting Council SP6 or ISO 8501-1 Sa 2. After blast cleaning, vacuum or blow off all abrasive dust and ensure the surface remains clean before painting.

Application Data

Mixing Ratio by Volume	Base : 9 parts Hardener : 1 part
Mixing Advice	SIPZINC 140 Primer is supplied in either a 5 litre or 10 litre kit, which contains the proper ratio of ingredients. The entire contents of each container must be mixed together. The zinc metal is ready mixed in the base portion. Stir thoroughly with a slow speed mixer while slowly adding the hardener. Continue to mix at slow speed to a homogeneous condition.
Thinning	Thinner 740 Thinning is not normally required or desirable, however, at lower temp. up to 10% Thinner 740 can be added to the mixed components.
Pot Life	8 hours at 25°C.
Application Details	Brush and roller-use primarily for touch-up and repair. Airless spray Heavy duty 30 to 1 airless pump Tip size .021" to .025" Fluid hose 3/8" ID and maximum length 50 ft. Pressure pots or pumps should be at the same level or above the spray guns. Keep fluid pressures to a minimum. Care should be taken to insure that proper film thickness is applied. Zinc coatings hide at very low film thickness. SIPZINC 140 Primer can be self-recoated.
Cleaning of Equipment	Use Thinner 740.

Storage Information

Pack Size	5 and 10 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	1 Year

Safety Information

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

Disclaimer

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