

SIPZINC 160

Organic Zinc Rich Epoxy Primer

Product No. 6160

Features

- 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 due to particle to particle zinc contact.
- Approved under APCS-1C & 1F.

Recommended Use

- SIPZINC 160 Zinc Rich Epoxy 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.

Physical Data

Finish : Flat

Colour : Grey

Volume Solids : 60%

Recommended Film Thickness :
50 -100 microns dry = 83 - 167 microns wet

Theoretical Coverage :
12 m²/ltr. at 50 microns

Density (Mixed) : 2.12 kg/ltr.

Drying Times :
At 25°C / 50 % RH

Tack Free : 02-03 Hours

Recoatable : 08-10 Hours

Heat Resistant : 121°C Dry Continuous
220°C Dry Intermittent

Flash Point : 27°C

Specification Data

Preparation

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 : 4 parts Hardener : 1 part
Mixing Advice	SIPZINC 160 Primer is supplied in a 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 speeds to a homogeneous condition.
Thinning	Thinner 740 Thinning is not normally required or desirable, however, at lower temperatures or in extreme conditions up to 20% Thinner 740 can be added to the mixed components.
Induction Time	At temperatures lower than 25°C, allow a 15 minutes induction time before using. Add about 10 minutes for each 5 °C lower temperature.
Pot Life	8 hours at 25°C.
Application Details	Brush and roller-use primarily for touch-up and repair. Airless spray : Heavy duty 30 : 1 airless pump Tip size : .021" to .025" Fluid hose : 3/8" ID and maximum length 50 feet
Cleaning of Equipment	Use Thinner 740.

Storage Information

Pack Size	10 ltr. two component kit.
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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