

**ZINCANODE 600****Epoxy Zinc Rich Primer****PRODUCT DESCRIPTION**

A High performance two pack epoxy zinc rich primer with excellent abrasion resistance that gives long life protection against corrosion.

- Outstanding resistance to weathering and chemicals.
- Fast drying with rapid handling features
- Conforms to BS 5493 : KPIB
- Painting with zinc anode is also known as "Cold Galvanizing"

**DESIGNED USE**

- New construction and maintenance anti-corrosive primer
- Repair coat for inorganic zinc coatings and damaged galvanized substrates.
- Suitable as primer for upto C5 Environment as per ISO12944 Part 2 along with suitable intermediate and topcoats

**PHYSICAL DATA**

<b>VOLUME SOLIDS</b> (Based on ASTM D2697)	44 % $\pm$ 2 %
<b>TYPICAL DRY FILM THICKNESS</b>	50 microns
<b>WET FILM THICKNESS</b>	115 microns
<b>THEORETICAL COVERAGE</b>	8.7 m <sup>2</sup> /litre @ 50 microns dft
<b>VOC "As Supplied"</b> (Based on ASTM D3960)	490 gms/ltr
<b>COLOUR</b>	Metallic Grey
<b>FINISH</b>	Matt

**APPLICATION DETAILS****METHOD OF APPLICATION :****AIRLESS SPRAY**

This is the recommended method of application:  
Maximum 5% Thinner may be added.  
Tip Size: 0.38 - 0.48 mm (0.015 - 0.019 in)  
Pressure: 130 - 180 kg/cm<sup>2</sup> (1850 – 2550 psi)

**BRUSH OR ROLLER**

May be used for difficult shapes or touch-up.  
However, additional coats may be required to achieve the recommended film thickness.

**DRYING TIME:**

Surface Temperature	Touch Dry	Hard Dry	Over coating Interval		Pot Life
			Minimum	Maximum	
15°C	60 mins	8 Hrs	16 Hrs	Indefinite	10 Hrs
25°C	40 mins	6 Hrs	12 Hrs	Indefinite	8 Hrs
35°C	30 mins	4 Hrs	8 Hrs	Indefinite	4 Hrs
45°C	15 mins	2 Hrs	6 Hrs	Indefinite	2 Hrs

**NO. OF COMPONENTS** Two**Mixing Ratio** 3 parts Base to 1 part Hardener (by volume)**Application Conditions** Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point**ADDITIONAL INFORMATION**

Thinner / Cleaning solvent	Solvalux 7-45
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed 20°C
Packaging	5 liters & 20 liters
Shelf Life	6 months from the date of manufacture.

**ZINCANODE 600****Epoxy Zinc Rich Primer****SURFACE  
PREPARATION**

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SP1.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Abrasive blast clean to a minimum standard of Sa 2½ Swedish Standard SIS 05 59 00 or ISO 8501-1 : 1988.
- Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner.
- An average surface profile of 40 microns is acceptable, but this average should not exceed 75 microns.
- After blasting, remove dust from the surface.
- Special care must be taken on weld areas to remove flux and spatter. Welds should be ground back to avoid pockets where corrosion can occur. The cleaned surface should be coated before it becomes contaminated.
- The surface to be coated must also be clean and dry. If this product is to be over coated then the surface must be free from all zinc salts. This can be achieved by fresh water wash and scrubbing.

**PRODUCT USE  
RESTRICTIONS**

- Not recommended for immersion service in acid or alkaline conditions.
- Dry heat resistance up to 150°C
- As common with all Epoxy products, this product also will tend to discolour and chalk on exposure to direct sunlight
- May also be applied between 40 and 60 Microns DFT
- Contact Berger Representative for suggesting suitable paint system

**SAFETY  
PRECAUTIONS**

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire – blanket flames with foam, carbon dioxide or dry chemicals
- Refer to MSDS for further information.

**FIRST AID**

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent or thinners.
- Inhalation: Remove to fresh air, loosen collar and keep patient rested.
- Ingestion: In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention

**DISCLAIMER**

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.