

# Colorama PE1003LPES PRIMAPOX ZINC 2K

A two pack polyamide epoxy based zinc rich high build primer designed as a system primer for various paint systems. Used as a high quality primer coat on steel in terms of cathodic protection. Used in a heavy duty purposes, immersed steel and highly corrosive environments.

## Properties and Areas of Use

- Tough hard wearing film
- Excellent anticorrosive properties
- Quick drying and over coating times
- Used as a holding primer when a short over coating interval is used

## Technical Coating Data @ 25 °C for mixed material

<b>Finish</b>	Flat
<b>Color Range</b>	Grey
<b>Solids Volume</b>	65 ± 2%
<b>Dry Film Thickness Range</b>	25-100 µm
<b>Theoretical Spreading Rate</b>	7.3 m <sup>2</sup> / L @ 75 microns DFT (loss factors will apply in practice)
<b>Surface Dry</b>	2 hours
<b>Recoat Interval</b>	10 hours minimum 7 days maximum
<b>Complete Cure</b>	7 days
<b>Pot Life</b>	2 hours
<b>Flash Point</b>	27°C
<b>Shelf Life</b>	12 months (stored in a cool dry place)
<b>Mixing Ratio by Weight</b>	8 Base component 1 Activator Component
<b>VOC</b>	436 g/L

### Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	25	100	75
Film Thickness, wet ( $\mu\text{m}$ )	39	154	115
Theoretical Spreading Rate ( $\text{m}^2 / \text{L}$ )	26	6.5	8.7

### Suitable Surfaces

- Steel and non ferrous metals properly prepared and blast cleaned to ISO-Sa2½
- Concrete free of contamination, dust and efflorescence, and properly prepared

### Bare Steel:

Cleanliness: Blast – cleaning to Sa2 1/2 (ISO-8501-1:2007). Power tool cleaning to min. St2 (ISO 8501-1:2007) may be acceptable, subject to exposure conditions.

### Shopprimed Steel:

Clean, dry and undamaged approved shopprimer

### Coated Surfaces:

Clean, dry and undamaged compatible primer .

### Other Surfaces:

For aluminium substrates , thorough washing and sweeping with a nonmetallic blast medium is required.

### Application Conditions

Substrate temperature should be 10°C or above for application and during cure and a minimum of 3°C above the dew point. Adequate dry air ventilation is recommended for optimum drying.

### Application Information

Thinning should only take place after the two components have been thoroughly mixed.

### Brush and Roller

Thin if required with 0-5% Paint Thinner Colorama TH907EP.

### Conventional Air Spraying

- Thin with 5-25% Paint Thinner Colorama TH907EP, as required.
- Tip size - 2.0 mm
- Tip pressure - 60 psi (0.4Mpa) approximately

### Airless Spraying

- Thin with 0-20% Paint Thinner Colorama TH907EP, as required
- Tip size - 0.58-.79 mm approximately
- Tip pressure - 2100 psi (15Mpa) approximately

### Cleaning Thinner

Equipment should be cleaned immediately after use with Paint Thinner Colorama TH907EP.

### Drying time:

Drying times are affected by air ventilation, temperature, film thickness and number of coats.

Substrate Temp.	10° C	25° C	40° C
Surface Dry	6	2	1
Through Dry	12	8	6
Dry to recoat, minimum	16	10	8

The given data serve as guideline only. The actual drying time differs according to film thickness, ventilation, humidity and underlying paint system.

### Typical paint system:

PRIMAPOX Zinc 2K	1 x 75 $\mu$
PRIMABUILD	1 x 150 $\mu$
URELUX	1 x 50 $\mu$

### Storage:

Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

### Handling:

Handle with care. Stir well before use.

### Packing Size:

5 L & 18 L

### Summary Safety Information

- Avoid inhalation of spray mist and skin contact by the use of masks, gloves and other personal protection. Eyes should be cautiously washed with water or proprietary wash, and medical attention obtained. Skin should be thoroughly washed using a cleanser and soap and water.
- Product is flammable
- No sparks or flames
- No smoking

The information given in this data sheet represents test results & practical experience obtained under controlled conditions, and are correct to the best of our knowledge. However, as products are often used under different conditions, we can only guarantee the quality of our product, and reserve the right to change data without further notice.