

## Colorama PE1011

# PRIMAPOX MIO

A two pack high build polyamide cured epoxy coating and finish, pigmented with micaceous iron oxide. Suitable as a high build midcoat or finish in systems for steel substrates.

### Properties and Areas of Use

- Tough hard wearing film
- Good chemical resistance
- Excellent anticorrosive performance in industrial and marine environments
- Cures at low temperatures

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

<b>Finish</b>	Flat
<b>Color Range</b>	Grey or red
<b>Solids Volume</b>	65 ± 2%
<b>Dry Film Thickness Range</b>	100-200 µm
<b>Theoretical Spreading Rate</b>	6.5 m <sup>2</sup> / L @ 100 microns DFT (loss factors will apply in practice)
<b>Surface Dry</b>	2 hours
<b>Recoat Interval</b>	8 hours minimum 10 days Maximum.
<b>Complete Cure</b>	7 days
<b>Pot Life</b>	4 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>	399 g/l

## Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	100	200	150
Film Thickness, wet(µm)	154	308	231
Theoretical Spreading Rate (m <sup>2</sup> /L)	6.5	3.25	4.3

## 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 aluminum 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	4 h	2 h	1 h
Through Dry	10 h	6 h	4 h
Dry to recoat, minimum	12 h	10 h	6 h

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

## 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.

## Paint System:

PRIMAPOX Zinc 2K	1 x 75 µ
PRIMAPOX MIO	1 x 150 µ
URELUX	1 x 50 µ

## 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.