

Colorama PE1015 FINEPOX

A solvent free two pack polyamine cured epoxy topcoat used as a coating for water tank lining, fuel and chemicals tanks, steel structures and anti-chemicals flooring and used as cast-in-site to mould machinery fixed supports in industrial and marine sites.

Properties and Areas of Use

- Tough hard wearing and flexible film.
- Suitable for marine and industrial atmospheric exposure, immersion and water tanks made of steel or concrete.
- Safe when used for food contact applications
- Cures at low temperatures

Technical Coating Data @ 25 °C for mixed material

Finish	High Gloss
Color Range	As per color card
Solids Volume	99 ± 1%
Dry Film Thickness Range	100– 1000 µm
Theoretical Spreading Rate	2 m ² / L @ 500 microns DFT (loss factors will apply in practice)
Surface Dry	4 hours
Recoat Interval	12 hours minimum 10 days Maximum.
Complete Cure	7 days
Pot Life	40 min.
Flash Point	> 100°C
Shelf Life	12 months (stored in a cool dry place)
Mixing Ratio by Weight	3 Base component 1 Activator Component
VOC	0 g/l

Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	100	1000	500
Film Thickness, wet (µm)	100	1000	500
Theoretical Spreading Rate (m ² /L)	10	1	2

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

No thinner needed for dilution.

Brush and Roller

Recommended

Airless Spraying

- No thinner needed
- 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	12 h	8 h	6 h
Dry to recoat, minimum	16 h	12 h	10 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 – GYM 1 x 75 µ
FINEPOX 1 x 200 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.