

SUBALOX E AP

SELF PRIMER EPOXY WITH ZINC PHOSPHATE

Technical Data Sheet

SPECIFICATIONS		TESTING METHOD		
		NOM or NMX	ASTM	ISO
Number of components	2	--	--	--
Ratio (Mixture)	1:1 in volume	--	--	--
Part A: Part B	76XXX-AP:76902-C	--	--	--
Thinner	MT-386 or MT-571	--	--	--
Theoretical yield (@ 1 mils.)	27.00 m ² /L minimum	--	--	--
Appearance	Semi mate	--	--	--
Adherence (in system)	5B	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT	4 mils – 8 mils	--	D-7091	--
Recommended WTF	6 mils – 12 mils	--	D-4414	2366 2808
Density (mixture) @ 77°F (25°C)	1.450 g/cm ³ minimum	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (mixture) @ 77°F (25°C)	1500 cps minimum	NMX-U-038-SCFI-2012	D-2196	--
Time to dry to touch @ 77°F (25°C)	4 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Time to dry to hard @ 77°F (25°C)	14 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids (Mixture) in weight	24 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids (Mixture) in volume	82% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Pot life @ 77°F (25°C)	68% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Number of components	6 hours	--	--	--

*After 24 hours of drying; the applied coating layer must be sanded.

Characteristics

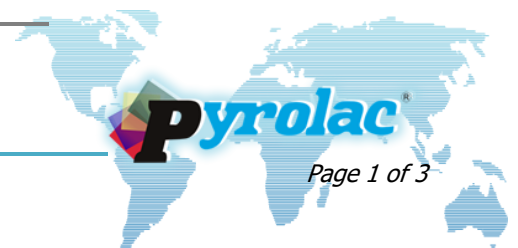
High performance epoxy coating manufactured with FDA-approved resins; which can be used as a primer or intermediate at the same time or only as a topcoat for final interior applications. This coating was designed with zinc phosphate as an anticorrosive pigment to be applied to surface with minimal cleaning also guaranteeing excellent long-term anticorrosive protection, and corrosive or humidity resistance as well as high performance due to its high solids content.

Uses

SUBALOX E AP is recommended as a primary or intermediate for maintenance in areas with high corrosion rates such as: maritime installations, exterior and interior of tanks or water pipes, industrial pipes facilities, construction industry such as walls, cement ceilings and specifically and in general for everything related to industrial maintenance.

Systems

System	Description
1	SUBALOX E AP
2	SUBALOX E AP + SUBALOX E
3	SUBALOX E AP + SUBALOX U
4	SUBALOX E AP + SUBALOX U PE
5	GALVANOX II + SUBALOX E AP





Surface Preparation

Remove all grease, oil, rust, loose mil slag, dust, moisture and other contaminants. Requires using mechanical or manual cleaning at a minimum. If applied on galvanized use mordant to avoid adhesion problems. If applied on concrete clean the concrete surface removing previous paints and any contamination.

Application

Spraying application should be performed at 12 inches (30 cm) from substrate to obtain specified film thickness. The application should be performed in open and ventilated spaces. The coating should not be applied when the temperature is below to 50°F (10°C) or superior to 104°F (40°C). Apply at relative humidity under 85% or when temperature of the substrate is over 37.4°F (3°C) above dew point.

Colors

According to needs and color coordinates.

Application Equipment

Airless Sprayer

Conventional Spray Equipment

Brush Application

Roller Application

* To clean application equipment, use dilution solvent MT-386 or MT-571.
Recommended pressure 2 – 3 Kg/cm² with conventional spray equipment.

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	It does not carry or if necessary, a maximum 10% of MT -386 or MT-571 thinner.
Conventional Spraying Equipment	Use 20 - 30% of MT-386 or MT-571 thinner.
Brush or Roller Application	Use maximum 10% of MT-386 or MT-571 thinner.

* To calculate material consider a 10-20% depending on surface and application conditions.



Storage Conditions

Closed lid containers, under roof and a temperature under 104°F (40°C) and under 80 % relative humidity.

Handling Safety

This product contains highly flammable materials; its vapors are toxic, avoid skin contact, eyes (splashes) and continuous inhalation, use in well ventilated areas, use in well ventilated areas, away from fire. When use consult and follow the safety rules indicated in the safety data sheet sheet for this product.

Observations

We guarantee the quality of our products according to the general sales and application guidelines, our technical use method advice, verbally expressed and written and scenarios. Where conducted as part of our research, therefore we suggest you conduct your own lab and field test. The application and the terms on how you use our products are out of the reach of our control; therefore, you are responsible for any results. For more information call our technical advisers in Mexico 555650 5089, 555650 5238 and 555657 2784.