

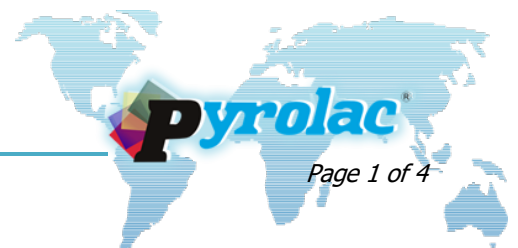
SPECIFICATIONS	TESTING METHODS			
		NOM or NMX	ASTM	ISO
Number of Components	2	--	--	--
Mix Ratio	1:1 in volume	--	--	--
Thinner	MT-386 or MT-590	--	--	--
Theoretical Yield (at 1 mils)	22.00 m <sup>2</sup> /L minimum	--	--	--
Topcoat	N/A	--	--	--
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	--
No. of Layers	N/A	--	--	--
Recommended Dry Thickness Per Coat	3 – 4 mils	--	--	--
Recommended Wet Thickness Per Coat	4 – 5 mils	--	D-4414	2366 2808
Saline Chamber	2016 hours minimum	--	B-117	9227
Density at 25°C (77°F)	1.24 g/cm <sup>3</sup>	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (Brookfield) at 25°C (77°F)	1500 - 3000 Cps.	NMX-U-038-SCFI-2012	D-2196	--
Accelerated Weathering	N/A	--	G-23	11507
COV's, (VOC's)	N/A	NOM-123-ECOL-1998	D-3960	17895
Fineness or Fineness (Hegman Unit)	6 minimum	NMX-C-456-ONNCCE-2007	D-1210	1524
Temperature Resistance	Continue	130°C (266°F)	--	--
	Do Not	150°C	--	--
	Continue	(302°F)	--	--
Time to dry to touch at 25°C (77°F)	4 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Time to dry to hard at 25°C (77°F)	24 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Curing time to 25°C (77°F)	N/A	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids by weight of the mixture	75% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids in volumen of the mixture	56% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Mix Life	8 hours	--	--	--

### Characteristics

Epoxy Primer with Micaceous Iron Oxide of high performance designed to be applied to surfaces with a minimum of cleaning. Guaranteeing excellent long-term anticorrosive protection since it contains resins, pigments and additives that provide high resistance to corrosion obtaining as result excellent adherence and resistance to the environment.

### Uses

SUBOX E AR is recommended as a primer for maintenance in areas with high corrosion rates such as: maritime installations, outside tanks, pipes, industrial facilities, the construction industry, outside transformers and in general for everything related to industrial maintenance.





## Systems

System	Description
1	SUBOX E AR + SUBALOX U
2	SUBOX E AR + SUBALOX U 64
3	SUBOX E AR + SUBALOX U AS
4	SUBOX E AR + SUBALOX V AS
5	SUBOX E AR + SUBALOX E 100 S
6	SUBOX E AR + SUBALOX E AS
7	SUBOX E AP + SUBALOX U AS
8	SUBOX E AP + SUBALOX E AP
9	SUBOX E AR + SUBALOX EE FC
10	SUBOX E AR + SUBALOX EE FC + SUBALOX U

## Surface Preparation

Remove all grease, oil, rust, loose mil slag, dust, moisture and other contaminants.

Requires use of mechanical or manual cleaning as a minimum.

White metal cleaning is recommended for applications that will be exposed to high corrosion rates to ensure excellent environmental resistance.

The product should not be applied under any circumstances when the surface temperature is greater than 50°C (122°F).

## Application

For spraying application should be done at 30 cm distance from substrate to obtain specified film thickness. The application should be done in open and ventilated spaces. The coating should not be apply when the environment temperature is inferior to 277 K (4°C) (39.2°F) or superior to 316 K (43°C) (109.4°F). Apply at relative humidity less than 85%.

## Colors

White, red and grey.



Chemical Agent	CHEMICAL RESISTANCE		TESTING METHOD
	Fumes and Vapors	Spills and Splashes	
Acids	Okay	Regular	ASTM G-20
Alkalis	Excellent	Excellent	ASTM G-20
Solvents	Excellent	Okay	ASTM G-20
Salts	Excellent	Excellent	ASTM G-20
Water	Excellent	Excellent	ASTM G-20

## Application Equipment

Airless Spray <sup>(1)</sup>		
Gun	Bomb	
De VilBiss model JGA-507	Qfa 514 32:1	

<sup>(1)</sup> Use a nozzle with a 13 to 17 mil inside diameter orifice (I.D.)

Sprinkling With Conventional Equipment <sup>(2)</sup>		
Gun	Nozzle	Tip
De VilBiss model JGA-510	EX	704

<sup>(2)</sup> Use 3/8-inch inner diameter hose (I.D.)

Brush Application
Brush
De VilBiss

Roller Application
Roller
De VilBiss

\* For the cleaning of the used application equipment, use the dilution solvent MT-386 or MT-590.

## Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	It does not carry or if necessary maximum 10% of MT-386 or MT-590 thinner.
Conventional Spraying Equipment	Use 20 - 30% of MT-386 or MT-590 thinner.
Brush or Roller Application	Use maximum of 10% of MT-386 or MT-590 thinner.

\* For the calculation of materials consider 10-20% shrinkage depending on the state of the surface and the application conditions.

## Storage Conditions

Closed lid containers, under roof and a temperature no more than 40°C (104°F) and no more than 80% relative humidity.



## Driving Safety

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

## Observations

We guarantee the quality of our products according to the general sales and application guidelines of our technical use method advice, verbally expressed, written and scenarios. Where we conducted as part of our research, therefore we suggest you conduct your own lab and field test. The application and the terms of how you use our products are out of reach of our control; therefore, you are responsible for any results. For more information call our technical advisers in Mexico 5650 5089, 5650 5238 and 5657 2784.