

SPECIFICATIONS	TESTING METHODS			
		NOM or NMX	ASTM	ISO
Number of Components	2	--	--	--
Mix Ratio	4:1 in volume	--	--	--
Thinner	MT-170 or MT-700	--	--	--
Theoretical Yield (at 1 mils)	15.50 m ² /L minimum	--	--	--
Topcoat	Bright	--	--	--
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	--
No. of Layers	2	--	--	--
Recommended Dry Thickness Per Coat	2 – 3 mils	--	D-7091	--
Recommended Wet Thickness Per Coat	3 – 4 mils	--	D-4414	2366 2808
Saline Chamber	500 hours minimum	--	B-117	9227
Density at 25°C (77°F)	1.000 – 1.500 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (Brookfield) at 25°C (77°F)	300 – 450 Cps.	NMX-U-038-SCFI-2012	D-2196	--
Accelerated Weathering	2000 hours minimum	--	G-23	11507
COV's, (VOC's)	517 g/L	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)	0.25 - 0.50 hours	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Time to dry to hard at 25°C (77°F)	8 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Baking time at metal temperature 85°C to 90°C (185°F to 194°F)	15 minutes	--	--	--
Solids by weight of the mixture	55% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids in volumen of the mixture	40% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot Life at 25°C (77°F)	1 – 2 hours	--	--	--

Characteristics

Coating made from resins, isocyanates, pigments, solvents and additives. It is a quick-drying product for industrial use with excellent resistance to splashes and spills of chemical agents such as aliphatic solvents, organic acids, inorganic acids and diluted alkalis, corrosion, weathering and good adhesion. This product can be supplied in different degrees of gloss.

Uses

This coating is recommended as a finishing product where good weather protection is required. For the electrical sector in Transformers, tanks, pipes, in the chemical, petrochemical industry it is also applied in tank trucks, semi-trailers, transport units, industrial floors, industrial pipes, etc.





System

System	Description
1	GALVANOX I + SUBALOX U SR
2	GALVANOX II + SUBALOX U SR
3	SUBALOX E AP + SUBALOX U SR
4	SUBOX AC + SUBALOX U SR
5	SUBOX E + SUBALOX U SR
6	SUBOX E SH + SUBALOX U SR
7	SUBOX ET + SUBALOX U SR
8	SUBOX W + SUBALOX U SR
9	SUBOX EAR + SUBALOX U SR
10	THERMOX E + SUBALOX U SR

Surface Preparation

The primer on which it is going to be applied must be completely cured and dry, free of dust, grease, oil and moisture.

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

According to needs and color coordinates.

SUBALOX U SR

QUICK DRYING MODIFIED POLYURETHANE TOPCOAT



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

Application Equipment

Airless Spray ⁽¹⁾		
Gun	Bomb	
De VilBiss model JGA-507	Qfa 514 32:1	
⁽¹⁾ Use a nozzle with a 13 to 17 mil inside diameter orifice (I.D.)		
Sprinkling With Conventional Equipment ⁽²⁾		
Gun	Nozzle	Tip
De VilBiss model JGA-510	EX	704
⁽²⁾ 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-170 or MT-700.

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	It does not carry or if necessary maximum 10% of MT-170 or MT-700 thinner.
Conventional Spraying Equipment	Use 20 - 30% of MT-170 or MT-700 thinner.
Brush or Roller Application	Use maximum of 10% of MT-170 or MT-700 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.