

SUBALOX U SR

FAST DRY MODIFIED ALIPHATIC POLYURETHANE TOP COAT

Technical Data Sheet

SPECIFICATIONS		TEST METHODS		
		NOM or NMX	ASTM	ISO
Number of components	2	--	--	--
Ratio (Mixture)	4:1 in volume	--	--	--
Part A: Part B	65XXX-SR : 68050-C	--	--	--
Thinner	MT-170 or MT-700	--	--	--
Theoretical Yield (at 1 mils)	15.50 m ² /L minimum	--	--	--
Appearance	Glossy	--	--	--
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT per coat	2 mils – 3 mils	--	--	--
Recommended WFT per coat	5 mils – 7.5 mils	--	D-4414	2366 2808
Density (Mixture) @77°F (25°C)	1.000 g/cm ³ – 1.500 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity(Brookfield) @77°F (25°C)	300 cps – 450 cps	NMX-U-038-SCFI-2012	D-2196	--
Dry rate to touch @77°F (25°C)	0.25 hours – 0.50 hours	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Dry rate to handle @77°F (25°C)	8 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids (Mixture) in weight	55% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids (Mixture) in volume	40% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot life @77°F (25°C)	1 hours – 2 hours	--	--	--

Characteristics

Coating made from resins, isocyanides, pigments, solvents and additives. It's a fast drying product made for industrial use with excellent resistance to splash and spills of chemicals such as aliphatic and aromatic solvents, organic and inorganic acids, and diluted alkyds corrosion, to the weather and has, good adhesion. This product may be supplied in different degrees of brightness.

Usage

This coating is recommended as a finish where good outdoor protection is required; for the electricity sector in transformers, tanks, and pipelines, chemical, petrochemical; can also be applied to tankers, trailers, transport units, industrial flooring, industrial pipes, etc.

Systems

Systems	Description
1	GALVANOX II + SUBALOX U SR
2	SUBALOX E AP + SUBALOX U SR
3	SUBOX AC + SUBALOX U SR
4	SUBOX E + SUBALOX U SR
5	SUBOX ET + SUBALOX U SR
6	SUBOX W + SUBALOX U SR
7	SUBOX EAR + SUBALOX U SR
8	THERMOX E + SUBALOX U SR



Surface Preparation

The primer of which is to be applied must be fully cured, dry, free of dust, grease, oil and moisture.

Application

Spray application should be made to 12 inches (30 cm) away from the substrate to obtain the specified thickness. The application must take place in well-ventilated areas. The coating should not be applied when the ambient temperature is below 39.2°F (4°C) or above 109.4°F (43°C). Apply at a relative humidity below 85%.

Colors

According to needs and color coordinates.

CHEMICAL RESISTANCE			TEST METHOD
Chemical Agent	Fumes and Vapors	Spills and Splashes	
Acids	Good	Good	ASTM G-20
Alkyds	Good	Good	ASTM G-20
Solvents	Good	Good	ASTM G-20
Salts	Excellent	Excellent	ASTM G-20
Water	Excellent	Excellent	ASTM G-20

Application Equipment

Airless Spray ⁽¹⁾		
Spray Gun	Pump	
De VilBiss model JGA-507	Qfa 514 32:1	
⁽¹⁾ Use nozzle with an inner hole from 13 to 17 mils of internal diameter (I.D.)		
Conventional Spray ⁽²⁾		
Spray Gun	Nozzle	Tip
De VilBiss model JGA-510	EX	704
⁽²⁾ Use a hose with 3/8 of inch of internal diameter (I.D.)		
Application with Brush		
Brush		
De VilBiss		
Application with Roller		
Roller		
De VilBiss		

** To clean the application equipment, use the dilution solvent. MT-170 or MT-700.



Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	Not used. If necessary, use maximum of 10% thinner MT-170 or MT-700.
Conventional Spray	Use from 20-30% thinner of MT-170 or MT-700.
Application with roller or Brush	Use maximum of 10% of MT-170 or MT-700.

* To calculate the materials, consider shrinkage of 10-20%, depending on surface condition and form of application.

Storage Conditions

In closed containers, indoors, at a temperature not exceeding 104°F (40°C), and relative humidity not exceeding 80%.

Handling Safety

This product contains highly flammable solvents. Its vapors are toxic. Avoid contact with skin, eyes (splashes), and continuous inhalation. The application should be in well-ventilated areas away from the heat. When applying consult and follow the safety rules stated in the product safety sheet.

Observations

We guarantee the quality of our products according to our general conditions of sales and delivery. Our technicians use tips expressed verbally, in writing, or by testings. These are offered according to our current knowledge and experience, therefore you will have to make your own experiment and tests. The application and use of the product are beyond our control, and therefore rely exclusively on personal responsibility. For more information, please contact our technical department at the following telephones: 55 5650 5089, 55 5650 5238 y 55 5657 2784, USA: 832 559 3913.