SUBALOX PE

POLYESTER TOPCOAT

Technical Data Sheet

SPECIFICATIONS		TESTING METHOD		
		NOM or NMX	ASTM	ISO
Number of components	2	--	--	--
Ratio (Mixture) Part A: Part B	2:1 in volume 68XXX-PE: 68030-C	. --	--	--
Thinner	MT-170	--	--	--
Theoretical yield (@ 1 mil)	19.50 m^2/L minimum	--	--	--
Appearance	Bright	--	--	--
Adherence (in system)	5B	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT	2 mil – 3 mil	--		--
Recommended WTF	5 mil – 6 mil	--	D-4414	2366 2808
Density (mixture) @ 77°F (25°C)	1.090 g/cm^3 – 1.290 g/cm^3	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (Brookfield) @ 77°F (25°C)	100 cps – 400 cps	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)	24 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids in weight	62% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids in volume	48% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot Life @ 77°F (25°C)	6 hours	--	--	--

Characteristics

Two-component coating that provides a glossy weather-resistant topcoat while maintaining its appearance shine and color made of polyester resin and materials with low VOC content when applied. It offers a film with good leveling, flexibility, hardness and shine. Ideal for different environments and aggressive atmospheres with high humidity and salinity without affecting its performance. Abrasion resistant so it can be easily cleaned and when applied it has a wide range of temperature conditions for drying.

Uses

This coating can be used in chemical plants, paper plants, platforms, telecommunication towers and on any outdoor surface. Where the application is required to have a good gloss resistance to weather and corrosive atmospheres. It can also be applied in tanks and specialized electrical equipment.

Systems

System	Description
1	GALVANOX II + SUBALOX E AP + SUBALOX PE
2	GALVANOX II + SUBALOX PE
3	SUBOX E AR + SUBALOX PE

Chemical Resistance

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

Surface Preparation

The substrate on which it is going to be applied requires a good cleaning of the surface; which must be free of contaminants such as oils, grease, dust, abrasives, detergents, etc. The GALVANOX II must be in intimate contact with the steel base and therefore the surface preparation must be good it can be with sandblasting or sand blast. Any rust, old paints and other contaminants can isolate the coating from the steel base preventing proper galvanic action. For galvanized surfaces prepare the surface according to SSPC-SP1 (cleaning with solvent and/or soap solution) and/or SSPC-SP2 (hand or mechanical tool).

Application

For spray application it must be done 12 inches (30 cm) away from the substrate to obtain the specified thickness. Application should be carried out in ventilated places. The coating should be not be applied when the ambient temperature is below 4°C (39.2°F) or over 43°C (109.4°F). Apply at a relative humidity under 85%. The surface must be free of zinc oxide salts (white salts).

Colors

According to needs and color coordinates.

Application Equipment

Airless spraying, spraying with conventional equipment and brush or roller.

To clean used application equipment use dilution solvent MT-170.

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	It does not carry of if necessary a maximum 10% of MT-170 solvent.
Conventional Spray Equipment	Use 20 - 30% of MT-170 solvent.
Brush or Roller Application	Use maximum 10% or what is neccessary of MT-170 solvent.
* For the calculation of materials consider 10%-20% losses depending on the state of the surface and the application conditions.	

Storage Conditions

Store in tightly sealed containers, under shelter at temperature below 104ºF (40ºC) and with relative humidity below 80%

Handling and Safety Instructions

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

Remarks

We guarantee the quality of our products according to the general conditions of sales and delivery. Our technicians use tips expressed verbally in a written way or by testing, these are offered according to our current knowledge and experience so you will have to make your owm tests and experiments Where conducted as part of our research, therefore we suggest you conduct your own lab and field test. The application and use of these products are beyond our control and are therefore the sole responsibility of the user. For more information please contact our technical USA 832-559-3913, México +52-55-5650-52-38, +52-55-5650-5089 and +52-55-56-57-27-84.