SUBOX A

ALKYD PRIMARY

Technical Data Sheet

SPECIFICATIONS		TEST METHOD		
		NOM or NMX	ASTM	ISO
Number of Components	1	--	--	--
Ratio (Mixture) Part A	-- 24XXX-P	--	--	--
Thinner	MT-530	--	--	--
Theoretical yield (@ 1 mils.)	15.70 m^2/L minimum	--	--	--
Appearance	Matte	--	--	--
Adherence (in system)	5B	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT	2.0 mils	--		--
Recommended WFT	5.0 mils	--	D-4414	2366 2808
Density (mixture) @ 77°F (25°C)	1.150 g/cm^3 minimum	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (mixture) @ 77°F (25°C)	800 cps – 1500 cps	NMX-U-038-SCFI-2012	D-2196	--
Time to dry to touch @ 77°F (25°C)	30 minutes 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 (Mixture) in weight	60.0 % minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids (Mixture) in volume	40.0 % minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot life @ 77°F (25°C)	--	--	--	--

Characteristics

Subox A is a coating made upon modified alkyd resins, aromatic solvents, corrosion inhibitor fillers and additives. It is a coating free of lumps and impurities. It is a producto designed to have good hardness and resistance to highly humid environments. This product provides resistance to various environmental conditions.

Uses

This coating is designed to protect pipes and iron surfaces where an easy-to-apply product is required.

Systems

Systems	Description
1	SUBOX A + SUBALOX A
2	SUBOX A + SUBALOX A SR

Surface Preparation

The surface on which it is going to be applied does not require a high degree of cleanliness just a preparation is enough. Such as cleaning with a wire brush thus eliminating poorly adhered paint and rust as well as dust.

Application

Spraying application should be perfomed at 12 inches (30 cm) from substrate to obtain specified film thickness. The application should be perfomed in open and ventilated spaces. The coating should not be applied when the temperature is below 39.2°F (4°C) or over 109.4°F (43°C). Apply at a relative humidity under 85%.

Colors

Red, white and grey.

CHEMICAL RESISTANCE			TEST METHOD
Chemical Agents	Fumes and Vapors	Spills and Splashes	
Acids	Regular	Not recommended	ASTM G-20
Alkali	Regular	Not recommended	ASTM G-20
Solvents	Regular	Not recommended	ASTM G-20
Salts	Good	Not recommended	ASTM G-20
Water	Good	Not recommended	ASTM G-20

Application Equipment

- Airless Sprayer
- Conventional Spray Equipment
- Brush Application
- Roller Application

* To clean application equipment, use dilution solvent MT-530.

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	Does not carry or if necessary maximum 10% of MT-530 solvent.
Conventional Spraying Equipment	Use 20 - 30% of MT-530 solvent.
Brush or Roller Application	Use maximum of 10% of MT-530 solvent.

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

Storage Conditions

Closed lid containers, under roof and a temperature under 104ºF (40ºC) and under 80 % relative humidity.

Handling Safety

This product contains highly flammable materials, its vapors are toxic, avoid skin contact, eyes (splashes) or continuous inhalation, use it 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, 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 +52 55 5650 5089, +52 55 5650 5238, and +52 55 5657 2784.