

SUBOX 6

MODIFIED SYNTHETIC SELF-PRIMER

Technical Data Sheet

SPECIFICATIONS	TESTING METHOD			
	NOM or NMX	ASTM	ISO	
Number of components	1	--	--	--
Mixing ratio	Not applicable	--	--	--
Thinner	MT-530	--	--	--
Theoretical yield (at 1 mils.)	15.76 m ² /L minimum	--	--	--
Topcoat	N/A	--	--	--
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	--
No. of layers	2	--	--	--
Recommended Dry Thickness Per Coat	2 – 3 mils.	--	--	--
Recommended Wet Thickness Per Coat	2 – 3 mils.	--	D-4414	2366 2808
Saline Chamber	600 hours minimum	--	B-117	9227
Density (mixture) at 25°C (77°F)	1.200 – 1.550 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (mixture) at 25°C (77°F)	90 – 100 Krebs units	NMX-U-038-SCFI-2012	D-2196	--
Accelerated weathering	600 hours minimum	--	G-23	11507
COV's, (VOC's)	N/A	NOM-123-ECOL-1998	D-3960	17895
Fineness of Fineness (Hegman Unit)	N/A	NMX-C-456-ONNCCE-2007	D-1210	1524
Temperature Resistance	Continue	80°C (176°F)	--	--
	Do Not	110°C (230°F)	--	--
	Continue		--	--
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
Cure time at 25°C (77°F)	N/A	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Mixed solids in weight	65% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Mix solids in volume	40% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Mix life	N/A	--	--	--

Characteristics

Coating made from modified resins with a large amount of chemically active pigment and highly durable corrosion inhibitor.

The vehicle penetrates the pores carrying the inhibitor pigment inside them helping to eliminate corrosion on the hand. The synthetic resin molecules tend to remain on the surface preventing corrosion from occurring on the treated surface due to its high content. The coating has a relatively slow drying time to allow maximum wetting of the substrate.

SUOX 6 self-priming provides excellent resistance to industrial vapors excellent protection to structural steel edges, abrasion resistance and long life.

Uses

This coating is recommended to be applied on transformers, electrical equipment, gas pipes machinery, motors, tubes, public lighting, tanks and vessels, etc.



Systems

System	Description
1	SUBOX 6 + SUBALOX A
2	SUBOX 6 + SUBALOX A SR
3	SUBOX 6 + SUBALOX AC

Surface Preparation

The surface on which it is to be applied does not require a high degree of cleaning. Only a preparation is enough such as cleaning with a wire brush thus removing badly adhered paint and rust as well as dust.

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 4°C (39.2°F) or superior to 43°C (109.4°F). Apply at a 85% relative humidity.

Colors

Dark Green.

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



Application Equipment

Airless Sprayer ⁽¹⁾

Spray Gun	Pump
De VilBiss model JGA-507	Qfa 514 32:1
⁽¹⁾ Use Nozzle with a 13 to 17 mil interior diameter (I.D.)	

Sprinkling With Conventional Equipment ⁽²⁾

Spray Gun	Nozzle	Tip
De VilBiss model JGA-510	EX	704
⁽²⁾ Use a 3/8 of an inch interior diameter hose (I.D.)		

Brush Application

Brush

De VilBiss

Roller Application

Roller

De VilBiss

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

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless spray	It does not carry or if necessary maximum 10% of MT-530 thinner.
Conventional Spraying Equipment	Use 20 - 30% of MT-530 thinner.
Brush or Roller Application	Use maximum of 10% of MT-530 thinner.
* To calculate material consider a 10-20% tare depending on surface and 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, it's 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.