

SUBOX A SR

FAST DRYING MODIFIED ALKYD PRIMARY

Technical Data Sheet

| SPECIFICATIONS | TESTING METHODS | | | |
|---------------------------------------|---|-----------------------|--------|--------------|
| | NOM or NMX | ASTM | ISO | |
| Number of Components | 1 | -- | -- | -- |
| Mix Ratio | N/A | -- | -- | -- |
| Thinner | MT-576 | -- | -- | -- |
| Theoretical Yield (at 1 mils) | 16.4 m ² /L minimum | -- | -- | -- |
| Topcoat | Matte | -- | -- | -- |
| Adherence | 5B | NMX-U-065-SCFI-2011 | D-3359 | -- |
| No. of Layers | 1 | -- | -- | -- |
| Recommended Dry Thickness Per Coat | 2 – 3 mils. | -- | D-7091 | -- |
| Recommended Wet Thickness Per Coat | 4 – 5 mils. | -- | D-4414 | 2366 2808 |
| Saline Chamber* | 400 hours* | -- | B-117 | 9227 |
| Density at 25°C (77°F) | 1.260 g/cm ³ minimum | NMX-C-454-ONNCCE-2007 | D-1475 | 2811-1 |
| Viscosity (Brookfield) at 25°C (77°F) | 600 – 900 Cps. | NMX-U-038-SCFI-2012 | D-2196 | -- |
| COV's, (VOC's) | 450 g/l | NOM-123-ECOL-1998 | D-3960 | 17895 |
| Fineness of Fineness (Hegman Unit) | 4 – 5 Hours | NMX-C-456-ONNCCE-2007 | D-1210 | 1524 |
| Temperature Resistance | Continue 60°C (140°F) Do Not Continue 80°C (176°F) | -- | -- | -- |
| Time to dry to touch at 25°C (77°F) | 0.5 hours maximum | NMX-C-427-ONNCCE-2003 | D-1640 | 9117-1 |
| Time to dry to hard at 25°C (77°F) | 4 hours maximum | NMX-C-427-ONNCCE-2003 | D-1640 | 9117-1 |
| Curing time at 25°C (77°F) | 7 days | NMX-C-427-ONNCCE-2003 | D-1640 | 9117-1 |
| Solids by weight of the mixture | 60% minimum | NMX-C-425-ONNCCE-2003 | D-2369 | 3251 |
| Solids in volumen of the mixture | 41% minimum | NMX-C-425-ONNCCE-2003 | D-2697 | 3233 |
| Mix Life | N/A | -- | -- | -- |

*Subox A SR + Subalox A

Characteristics

Coating made from modified alkyd resins, aromatic solvents, corrosion inhibitor fillers and additives. It is a coating free of lumps and impurities. It is a product 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 and fast-drying product is required.

SUBOX A SR

FAST DRYING MODIFIED ALKYD PRIMARY



Systems

| System | Description |
|--------|---------------------------|
| 1 | SUBOX A SR + SUBALOX A |
| 2 | SUBOX A SR + SUBALOX A SR |

Surface Preparation

The surface on which it is going to be applied does not require a high degree of cleanliness only preparation is enough such as cleaning with a wire brush. Thus removing poorly 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 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

Red, white and grey.

| CHEMICAL RESISTANCE | | | TESTING METHOD |
|---------------------|------------------|---------------------|----------------|
| Chemical Agent | Fumes and Vapors | Spills and Splashes | |
| Acids | Regular | Not recommended | ASTM G-20 |
| Alkalis | Regular | Not recommended | ASTM G-20 |
| Solvents | Regular | Not recommended | ASTM G-20 |
| Salts | Okay | Not recommended | ASTM G-20 |
| Water | Okay | Not recommended | ASTM G-20 |



Application Equipment

Airless spray, spray with conventional equipment, brush or roller.
For the cleaning of the used equipment use dilution solvent MT-576.

Mix Ratio According to Equipment Used

| Equipment | Solvent |
|---------------------------------|--|
| Airless spray | It does not carry or if necessary maximum 10% of MT-576 thinner. |
| Conventional Spraying Equipment | Use 20 - 30% of MT-576 thinner. |
| Brush or Roller Application | Use maximum of 10% of MT-576 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.