RO PRIMER R.O. 102

DESCRIPTION:

Formulated to much **EGYPTIAN STANDDERD SPECIFICATIONS** and RO PRIMER R.O. 102 is anti-corrosive primer based on modified alkyd, pigmented with red iron oxide to give the following advantages:

- A high quality anti corrosive primer for steel surfaces.
- Fast drying properties.
- To be coated with conventional paint systems.

TECHNICAL DATA:

- Finish : Eggshell.
- Color : Red brown.
- Solid by volume : 51.5 % approx.
- Specific gravity : 1.41 $\pm$ 0.05.
- Theoretical spreading rate : 8 m2/kgm (50 microns D.F.T)
- Dry film thickness : 50 microns
- Wet film thickness : 95 microns.
- Thinner : thinner No. RO1001.
- Drying time
  - Surface : 15 - 30 min (at 25 °C & 60 % R.H.)
  - Full cured : 7 days (at 25 °C & 60 % R.H.)
- Recoat interval Min : 4 – 6 Hrs. (at 25 °C & 60 % R.H.)
  - Max. : 7 days (at 25 °C & 60 % R.H.)
- Shelf life : 12 months (at normal conditions in original containers)
- Packing : 25 Kgm

MODE OF APPLICATIONS :

- The metal or substrate should be treated by sandblasting or steel brush to get a clean surface free from rust; also, it should be free from oil and greases.
- The primer should be stirred well before application and thinned to the suitable consistency by the thinner no. RO1001 (ROOTS thinner).

APPLICATION METHODS:

By roller & brush:

- Volume of thinner : 0 – 5 %

By air spray:

- Volume of thinner : 5 – 10 %
- Nozzle orifice : 2 – 3 mm.
- Nozzle pressure : 3 – 4 bar.

By airless spray:

- Volume of thinner : 2 – 5 %
- Nozzle orifice : 0.02 – 0.03 inch.
- Nozzle pressure : 120 – 150 bar.