RO PRIMER R .O. 101

DESCRIPTION:

RO primer R.O. 101 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 : 60 % approx.
- Specific gravity : 1.49
- Theoretical spreading rate : 8 m2/kgm (50 microns D.F.T)
- Dry film thickness : 50 microns
- Wet film thickness : 85 microns.
- Thinner : thinner No. RO1001.
- Drying time
- Surface : ½ - 1 hr. (at 25 ºC & 60 % R.H.)
  Full cured : 7 days (at 25 ºC & 60 % R.H.)
- Recoat interval
  Min : 4 – 6 Hrs. (at 25 ºC & 60 % R.H.)
  Max. : 7 days (at 25 ºC & 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 RO1001 of (ROOTS thinner).

APPLICATION METHODS :

By roller & brush :

- Volume of thinner : 2 – 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 .