ROFAST PRIMER 104

- **DESCRIPTION :**

It is fast dry synthetic primer based on modified alkyd resins pigmented with zinc phosphate, high corrosion resistance properties applied on steel structure above water line in ship paint system or inshore purposes to give the following advantages:

- A high quality good anti corrosive primer for steel surfaces.
- Fast drying properties, Lead and chromate free.
- Can be over coated with alkyd, acrylic and chlorinated rubber paints.
- Heat resistant up to 150 °C.

TECHNICAL DATA :

- Finish : Eggshell.
- Color : Grey ,yellow, blue, green, red brown and white
- Solid by volume : 60 % approx.
- Specific gravity : 1.56
- Theoretical spreading rate : 8 m2/ Kgm (50 microns D.F.T)
- Dry film thickness : 50 microns
- Wet film thickness : 85 microns.
- Thinner : Roots thinner No. RO1001
- Drying time
  - Surface : 15 min (at 25 °C & 60 % R.H.)
  - Full cured : 72 hrs. (at 25 °C & 60 % R.H.)
- Recoat interval
  - Min : 4 – 6 Hrs. (at 25 °C & 60 % R.H.)
  - Max. : No limitation

Shelf life : 6 months (at normal conditions in original containers)

Flash point : 35 °C.

Packing : 25 Kgm.

- **SURFACE PREPARATION :**

Steel : Blast cleaned to Iso- Sa21/2.

Steel : Power tool cleaned to min Iso- St2.

Shop primer steel : Sweep blasted or power tool cleaned to SPSS-Ss or SPSS St2.

Aluminum : Etched and passivated etch primed or sufficiently roughened.

Previous coat : Dry and free from any contamination.

Substrate temperature : Should be at least 3 ºC above dew point.

- **APPLICATION METHODS :**

By roller & brush :

- Volume of thinner : 5 – 15 %

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”.
- Nozzle pressure : 120 – 150 bar.