



M.I.O ALKYD PRIMER

Product information

- 1-Excellent water resistance.
- 2-Resistant to well designed/controlled cathodic Protection.
- 3-Designed for application directly over steel or primer.
- 4-Anticorrosive primer.

Physical data

Colour:	Grey
Finish:	Flat
Flash point:	24°C
Volume solids:	48 ±5%
D.f.t:	50-70 microns
Specific gravity:	1.4 ± 0.08gr/cm ³
Theoretical coverage:	9.6 m ² /lit (at 50 µ d.f.t)
Drying time at 25°C:	
touch dry:	2 -3hrs
dry to handle:	6-8 hrs
full cure:	7 days
Component:	1
Application methods:	Conventional spray or brush or airless spray or roller
Recoat intervals*:	10°C 25°C 40°C
(mild condition) : Min:	30 hrs 12 hrs 6 hrs
Max:	48 hrs 24 hrs 12 hrs
Recommended thinner:	FARCO THINN 21
Recommended cleaner:	FARCO CLEAN 21
Curing mechanism:	By solvent release and chemical reaction With o ₂
Substrate:	Steel and primed steel

*: For recoating the surface should be free of dust ,grease and contamination .

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Typical uses

As a primer and intermediate coat for steel, galvanized steel.

Other uses are:

Ships hulls, decks and super structures, offshore structures and piping in chemical plants, refineries, bridges and cranes .

Application information

This Rangan Far's product is a M.I.O alkyd primer or intermediate coat for immersion and nonimmersion systems to obtain the maximum performance for which this product is formulated, strict adherence to all application , instructions, precautions, conditions and limitations is necessary.

Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used.

Adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

1-Airless spray: standard airless spray equipment having A 28:1 or higher pump ratio and a fluid tip with a 0.457 to 0.660 mm orifice.

2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with a 2- 2.2 mm orifice .

3-Brush/roller.

4- Mixer

Caution

- 1-Keep away from heat and open flame.
- 2-Keep containers closed.
- 3-Use with adequate ventilation.
- 4-Avoid prolonged and repeated contact with skin.
- 5-Use fresh air masks and explosion proof equipment.
- 6-Take precautionary measures against static discharges.

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RANGAN FAR CO.
MANUFACTURER OF INDUSTRIAL PAINTS

FARCO PRIME 216

Application procedure

- 1-Flush equipment with recommended cleaner before use.
- 2-Stir all material thoroughly before applying.
- 3- Thinning WITH FARCO THINN 21 for necessary.
- 4- Apply a wet coat by even, parallel passes. overlap each pass 50% to avoid bare areas, pinholes or holidays. Small damaged or bare areas and random pinholes or holidays can be repaired by simply applying additional material.
- 5-In confined areas ventilate with clean air during application and drying until all solvents are removed. Temperature and humidity of ventilating air must be such that moisture condensation will not form on surface.
- 6-Clean all equipment with recommended cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40°C.
Surface temperature must be at least 3°C above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

Surface preparation

The surface must be clean and dry .all dirt, grease and other foreign materials should be removed .old primed surface must be smoothly wire brushed. Blasting to standard of Sa 2.5 – Sa3 , sis 05 5900 , iso 8501-1.

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