



# SYNTHETIC PRIMER TYPE (B)

## Product information

- 1-Suitable for interior and exterior use.
- 2-Fast drying.
- 3-Resistant to salt water, splashes of mineral oils, aliphatic solvents, petrol, and a wide range of chemicals but not to animal and vegetable oils or aromatic solvents.
- 4- Recoatability with enamel pitch or bituminous.
- 5-Product according to BS 4147.

## Physical data

Colour:	Black
Finish:	Flat
Flash point:	24 °C
Volume solids:	48 ±5%
D.f.t:	40-50 microns
Specific gravity:	1.3 ± 0.08gr/cm <sup>3</sup>
Theoretical coverage:	12 m <sup>2</sup> /lit (at 40µ d.f.t)
Drying time at 25 °C:	
Touch dry:	10-15 min
Dry to handle:	1 hr
Full cure:	24 hrs
Component:	1
Application methods:	Conventional spray or brush or Roller or dip
Recoat intervals:	Less than 1hr at 25 °C
Recommended thinner:	FARCO THINN 57
Recommended cleaner:	FARCO CLEAN 57
Curing mechanism:	By solvent release
Substrate:	Steel

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## Typical uses

As a primer on steel structures in moderately to severely corrosive environment, including pipe line of water or sewage that be recoat with pitch or bituminous enamel.

## Application information

This Rangan Far's product is a synthetic primer type (b) for industrial use.

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-Conventional spray: industrial equipment with suitable aircap having a fluid tip with A 1.6-1.8mm orifice .
- 2-Brush/roller
- 3- Mixer

## Caution

- 1-Handle with care.
- 2-Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes.
- 3-Apply only in well ventilated areas and ensure that adequate forced ventilation exists when paint applies is in confined spaces or when the air is stagnant.
- 4-Always take precautions against the risks of fire and explosions.
- 5-Don't empty into drains and take precautionary measures against static discharges.

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### **Application procedure**

- 1-Flush equipment with recommended cleaner before use.
- 2-Stir all material thoroughly before applying.
- 3- 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.
- 4-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.
- 5-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 , millscale and any other foreign material should be removed. sand blasting Sa 2.5 – Sa3 , sis 05 5900 , iso 8501-1.

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