RANGAN FAR CO.
MANUFACTURER OF INDUSTRIAL PAINTS

FARCO INTER 106-N

M.I.O EPOXY INTERMEDIAT COAT

Product information

1-Good adhesion to properly pretreated galvanized steel.

2-Can be used in systems for atmospheric or water immersed exposure conditions.

3-Good abrasion and impact resistance.

4-Good adhesion characteristics for subsequent coats.

5-Good resistance to industrial or chemical contaminated atmospheric exposure conditions.

Physical data

Colour:	Black grey cream
Finish:	Flat
Flash point:	
Resin:	34 °c
Cure:	36 °c
Solvent:	28 °c
Volume solids:	52±5%
D.F.T:	60-70 microns
Specific gravity(mixed):	1.5± 0.08gr/cm^3
Theoretical coverage:	8.6m^2/lit (at 60 µ D.F.T)
Drying time at 25 °c:	
Touch dry:	2 hrs
Dry to handle:	6-8 hrs
Full cure:	7 days
Component:	2
Pot life:	8 hrs at 25 °c:

Mixing ratio(by volume):

Resin:	refer to can label
Cure:	refer to can label

Application methods: conventional spray or brush or Airless spray or roller

Recoat intervals* :	10 °c	25 °c	40 °c
(mild condition) : Min:	25 hrs	12 hrs	5 hrs
Max:	70 hrs	36 hrs	18 hrs

Recommended thinner: FARCO THINN 10

Recommended cleaner: FARCO CLEAN 10

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Curing mechanism:	by solvent release and reaction by Curing agent and resin
Substrate:	steel ,primed steel, galvanized steel

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

Typical uses

1-Zinc rich primed steel parts.

2-Galvanized steel sheets.

3-Steel

4-Shop primed steel.

Application information

This Rangan Far's product is a micaceous iron oxide coating for industrial and marine 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-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 -Mixer: mixer must be powered by an air motor or an explosion proof electric motor.

4-Brush or roller.

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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-Harmful or fatal if swallowed,immediately seek medical assistance.
6-Use fresh air masks and explosion proof equipment.

Application procedures

1-Flush equipment with cleaner before use.
2-Stir resin to an even consistency with a power mixer.
3-Add cure to resin and continue stirring for 5 minutes.
Note: Since the pot life is limited and shortened by high temperatures ,do not mix more material than will be used in 6 hours at 25 °c.
4-Thinning with FARCO THINN 10 as needed for workability.
5-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes after 20 minutes.
6-Clean all equipment with 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.

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