

# COAL TAR EPOXY COATING (HB)

# **Product information**

- 1-Ballast tank coating with outstanding water resistance.
- 2-Excellent corrosion resistance.
- 3-Good resistance against chemically polluted water.
- 4-Good abrasion resistance.
- 5-For tanklining, immersion or non-immersion service.
- 6-Superior application by airless and conventional spray.
- 7-Excellent adhesion to steel and concrete.

## Physical data

Finish:

Flash point:

Resin: Cure:

Solvent:

Volume solids:

Specific gravity(mixed):

Theoretical coverage:

Drying time at 25°c:

Touch dry: Dry to handle:

Full cure:

Component:

Pot life:

Mixing ratio(by volume):

Resin:

Application methods:

Recoat intervals\*:

(mild condition): Min:

Recommended thinner:

Recommended cleaner:

green, black, brown

38°c 24°c 28°c

64 ±5%

100 - 150 microns

 $1.42 \pm 0.08 \text{gr/cm}^3$ 

6.4 m<sup>2</sup>/lit (at 100 µ d.f.t)

7hrs

18 hrs

10 days

8 hrs at 25°c:

refer to can label refer to can label

conventional spray or brush or

Airless spray or roller

10°c

40°c

25 hrs 70 hrs

12 hrs 36 hrs 5 hrs 18 hrs

**FARCO THINN 10 FARCO CLEAN 10** 

Curing mechanism:

by solvent release and reaction by curing

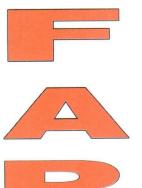
**FARCO TOP 100HB** 











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Substrate:

Agent and resin primed steel, concrete steel

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

## Typical uses

This Rangan Far's product is recommended for long time corrosion protection of structural steel and concrete in severe corrosive and immersed environments. Typical areas are steel buried in aggressive soil, pipelines of steel and concrete, tanks containing fuel or lubrication oil,drill water,drill mud,warm water or steel and concrete

# Application information

in sewage treatment plants.

This product is a polyamide cured ,coaltar epoxy high build coating for non-immersion as well as immersion service excellent corrosion and chemical resistance and full film thickness in only one coat. 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 0.027 to 0.031 inch orifice.
  - 2-Conventional spray:industrial equipment with suitable aircap having a fluid tip with A 1.8-2 mm orifice.
  - 3-Mixer: use power mixer powered by an air motor or an explosion proof electric motor.

#### Caution

- 1-Handle with care.
- 2-Before and during use ,observe all safety labels on

Packaging and paint containers.







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3-Harmful or fatal if swallowed, immediately seek medical assistance.

4-Always take precautions against the fire and explosions.

5-Use with adequate ventilation.

6-Don't empty into drains.

7-Take precautionary measures against static discharge.

# **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 8 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 be10-40°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

he surface must be clean and dry . All dirt , grease , mill scale and any other foreign material should be removed. Blasting to a standard  ${\rm Sa~2.5-Sa3~,~SIS~05~5900~,~ISO~8501-1}.$ 

The surface profile for immersion environments must be min100 micron and for non immersion environments must be min 65 -85 micron.

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