

# ZINC SILICON COATING

flat

25

53 ±5%

1 hrs

2-3 hrs

10°c

/32 hrs

75 hrs

40-50 microns

 $2.4 \pm 0.1 \text{gr/cm}^3$ 

After thermal curing

13.25 m<sup>2</sup>/lit (at 40 µ d.f.t)

Conventional spray or brush

16 hrs

40°c

8 hrs

15 hrs

#### **Product information**

- 1-Heat resistant silicon coating
- 2-Resist temperatures up to 400°c
- 3-Can be applied on steel.

# Physical data

Colour: Finish:

Flash point:

Volume solids:

D.f.t:

Specific gravity:

Theoretical coverage:

Drying time at 25°c: touch dry

handle dry: hard dry:

Component:

Application methods:

Recoat intervals\*:

(mild condition): Min:

Max:

Recommended thinner:

Recommended cleaner:

**FARCO THINN 46** 

**FARCO CLEAN 46** 

Curing mechanism:

By solvent release and heat cure

Heat resistance:

up to 400°c

Substrate:

Steel

**FARCO PRIME 462** 





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# Typical uses

As a primer coat long-time corrosion protection of steel exposed to high temperatures (from 100°c to 400°c)

# **Application information**

This Rangan Far's product is a heat resistant
Zinc silicon primer for high temperature 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

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 -1.8 mm orifice .
- 2 -Mixer:mixer must be powered by an air motor or an explosion proof electric motor.
- 3-Brush.

### 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.

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# Application procedure

- 1-FLush equipment with recommended cleaner before use.
- 2-Stir all material thoroughly before applying.
- 3- thinning with FARCO THINN 46 as needed for workability.
- 4-Spray on an even wet coat ,making parallel passes and overlapping each pass 50%.

Give special attention to angles ,corners, rough spots, edges,to avoid pinholes, bare areas and holidays.

5-To repair or touch up bare areas, pinholes or holidays, simply apply additional materials.

6-In confined areas ventilate with clean air during application and drying untill all solvents are removed.

Temperature and humidity of ventilating air must be such that moisture condensation will not form on surface.

7-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 %.

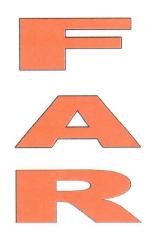
#### Surface preparation

The surface must be clean and dry .All dirt, grease and other foreign materials `should be removed .

Blasting to standard of Sa 2.5 - Sa3, sis 055900, iso 8501-1.

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