

Voga Zinc-II

PAGE 1/4

VOGEL SYSTEMS Technical data sheet

Date / Revised: 22.09.2020

Product: **Voga Zinc-II**

Version: 1.0

Date of print 22.09.2020

1. Identification

Product identifier

Voga zinc-II

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals

Recommended use: for industrial and professional users



Details of the supplier of the safety data sheet

Company:

VOGEL SYSTEMS

Operating Division Construction Chemicals

E-mail address: info@vogel-systems.de

Emergency telephone number

International emergency number

Two components epoxy zinc rich primer for steel

DESCRIPTION

Voga Zinc-II is a two component epoxy paint modified with zinc phosphate toUsed when high resistance to chemicals, ,corrosion ,atmospheric conditions, Humidity and water is required.

APPLICATION FIELDS

1. As a protective coating to steel reinforcing bars in concrete.
2. As a primer for steel substrates prior to suitable top coating.
3. High-quality anti-corrosion coating for steel structures in general.
4. Prime coat that ensures good adhesion of top coats to metal surfaces which cannot be pre-treated by sandblasting or gritblasting.

ADVANTAGES

1. Higher bond
2. Solvent-free
3. Good abrasion resistance
4. Very good impact resistance.
5. Short overcoating time
6. Provides positive protection of steel components against corrosion.
7. Excellent adhesion to steel.
8. Easy to use.

USES

Voga Zinc-II is used to provide the highest protection against corrosion of iron And steel constructions. It can be used in road and bridge construction Workshops, stores, garages and stairs.

Voga Zinc-II is also used to protect exposed steel reinforcement against rust And to obtain higher bond between steel and concrete.

APPLICATION INSTRUCTIONS

▪ Surface Preparation

- All substrates must be sound, clean, dry and free from grease, oils and dirt.
- Steel surfaces should be cleaned back to bright steel.
- The surfaces should be dry and free from dust and loose materials

• Mixing

- The contents of the Part A can should be stirred thoroughly to disperse any settlement.
- The entire contents of the part B can should be poured into the part A container and the two materials mixed thoroughly until a uniform consistency and color is obtained.

• Application

- The temperature of the steel should be min. 5°C as the curing process at lower temperature will be considerably retarded.
- Do not expose the primer to water, chemicals or mechanical stress before it is fully cured.
- Apply using brush, spray or airless spray.
- Thinning is allowable using special solvent up to 5%

TECHNICAL DATA

Product characteristics	
Specific gravity	0.13 ± 1.87
Solids content	57 ± 2 % by volume
Flash point	126°C
Application method	Airless spraying , roller or stiffed brush
Pot life	8 hours
Dry to recoat	Min. 4 hours. Max. 2 days
Fully cured	7 days

CONSUMPTION

Estimated consumption **Voga Zinc-II**

0.16 – 0.2 kg/m² /1 layers [50µ DFT] .

CLEANING

Tools and equipment should be cleaned, immediately after use, with thinner.

Once product cures, this can only be removed by mechanical means.

PACKAGING

Voga Zinc-II is supplied in 5 kg and 20 kg pails.

SAFETY AND HEALTH

Voga Zinc-II is a non-toxic but direct contact with skin and eyes must be avoided .

- Use rubber gloves and safety goggles when handling, mixing and applying the product .
- If ingested seek medical advice.

STORAGE

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture , frost and direct sunlight , with temperatures between 5 °C and 30 °C.