

Cipozinc 100

Zinc rich ethyl silicate coatings are among the most widely used primers in the protective coatings industry because of the excellent corrosion resistance they provide. They protect against damage resistance on handling and under film corrosion creep at damage points.

Cipozinc 100 is a two component, self curing, solvent-borne inorganic zinc silicate primer for the protection of blast cleaned steel surfaces, capable of withstanding temperatures of up to 540 degree C.

Cipozinc 100 with 83-86% zinc content in the dry film, is used as a single coat system and as a primer for the multiple coat systems. Cipozinc 100 protects steel galvanically in the most harsh conditions.

Uses:

Cipozinc 100 is generally used in more arid environments, such as desert regions, as single coat systems. As a primer,

Cipozinc 100 is used in extreme corrosive environments. Cipozinc 100 can be top coated with either epoxy or PU systems. Cipozinc 100 has excellent temperature resistance upto 540 degree C. Cipozinc 100 comes into two components : Base and Zinc powder, packed in different containers.

Surface preparation:

- Remove oil, grease and any other contaminants using thinner PUT 502.
- Blast clean to minimum Sa 2½ (Swedish standard SIS 05 5900).
- Surface should be clean and dry before application of coatings.

Application:

- Stir the base thoroughly and mix zinc powder into the base to get a uniform solution.
- Mix in small portions enough to last for 2 hours or less.

Typical physical properties:

Type	Two pack, cold cured inorganic zinc rich primer
Composition	Ethyl silicate based
Finish	Smooth Matt
Pot life	8 hrs @ 30 ° C
Application	Airless / Air spray
Recommended Wet film thickness	110-140 microns
Recommended DFT	75-80 microns
Drying time:	
To touch	15-30 min
To handle	2 hours
Hard dry	24 hours
Full Curing	24 hours
Theoretical Coverage	8 sq.m. / lt. / coat
Overcoat interval	Minimum 18 hours / Maximum 7 days
Flash point	Above 20 °C
Recommended thinner	Clean-up : PUT 502
Shelf life	6 months in the unopened container.