ARCOZINC SILICATE PRIMER
INORGANIC ZINC SILICATE PRIMER

INTRODUCTION

ARCOZINC SILICATE PRIMER is a two component self-curing solvent based inorganic zinc silicate primer for use in marine and industrial corrosive environments. ARCOZINC SILICATE PRIMER forms a tough abrasive film and provides excellent galvanic protection to steel by eliminating sub-film corrosion.

CHARACTERISTICS

- Can be used as a single coat system or as a primer coat system for critical corrosive conditions.
- Can be over coated with all types of anti-corrosive coatings like Epoxy, Chlorinated Rubber, Polyurethane etc. to increase the anti-corrosive properties.
- Excellent resistance to solvents, water & salt water.

TECHNICAL DATA

Density at 25°C: 1.90 - 2.25 gm / cc
Mixing Ratio: 40 to 60 (Hydrosol to Zinc Dust by weight)
Volume Solids: 60 - 65%
Dry Film Thickness (DFT): 50 - 60 microns / coat
Coverage: 6 - 7 sq. mtr. / ltr. / coat
Dry Heat Resistance: Upto 400°C
Drying time: Touch dry 3 - 4 hrs.
  * Full cure - 3 days
Over coating time: After 48 hours
Pot life: 2 - 4 hours
APPLICATION DETAILS

Surface Preparation:
SA 2.5 / ISO 8501 / SSPC SP.10 / NACE2

Degrease and blast clean to Sa 2½ grade. No other mode of surface preparation is acceptable. Surface should be perfectly clean and dry before applying ARCOZINC SILICATE PRIMER.

Application details:
Conventional spray / Airless spray / Brush (for small areas).
Stir liquid binder thoroughly to uniform consistency and add zinc dust to binder with constant stirring preferably with a mechanical stirrer, to get a thorough dispersion. The mixed paint should be strained through 80 - 100 mesh sieve and also it should be kept well stirred during application to avoid any settling and clogging of spray gun.