

Data Fact Sheet

SILOX-ZR 80



1K Zinc Rich High Solids Primer Anti - Corrosive

DESCRIPTION

SILOX ZR 80 is High Solids Primer, anti-corrosive, alkyd resin-based primer modified with zinc for protective coat. It is relatively fast drying with excellent durability and can be recoated after 1 hour from first coat to give an excellent topcoat adhesion.

Physical and chemical data

Property	Result
Basis of binder	Epoxy modified Zinc
Colour	Grey
Coverage rate for 200 µm wet film (m ² /kg)	4-5 m ² /kg
Solid Content in dry surface	80±2 %
Density (g/cm ³) at 25°C	1.70-1.80 g/cm ³
Touch Dry	30 min at 25°C
Dry to Handle	4-6 hrs. (depends on weather conditions)
Full cure	7 days
Pot life (+20°C)	Approx.90-120 min

Drying time is dependent on temperature, relative humidity and thickness; ranges is given for considering those parameters.

Uses

Product suitable as performance, zinc-based primer in coating systems for all iron structures, railings and gates. It is ideal for maintenance on painting systems where the use of an epoxy, zinc-based product is required.

Benefits & Advantages

- Highly bonded and good adhesion to steel.
- Very good resistance to water and abrasion.
- Easy to use -saving time for coating
- Good resistance for corrosion

Surface Preparation

Remove all dirt, grease, oil, salt and chemical contaminants by cleaning the surface with detergent or other suitable cleaner. Surface should be completely dry. For optimum performance, blast cleaned to a surface profile, if oxidation has occurred between the blasting and application of this product.



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Mixing
SILOX ZR 80 is ready for use directly, just stir it before and during application with an electric stirrer and don't expose the can to direct air, it must be covered after using.

Method of application
SILOX ZR 80 can be applied by Airless Spray, Air Spray, (Pressure Pot), Brush. Avoid paint application when the temperature is below 5°C or above 45°C and relative humidity is over 80% Spraying system is recommended.

Storage
Store between 5°C - 25°C. When not in use, cans must be kept sealed. Higher temperature during storage may reduce the shelf life and may lead to gelling in the tin. Keeping it in a dry, cool and well-ventilated space, keep away from sources of heat and ignition.

Shelf Life
12 months from delivery date in original sealed containers.

Packing
SILOX ZR 80 is available in cans of 5kg, 10 kg and 15 kg

- Health & Safety**
- Use this product in well-ventilated area, avoid skin contact, spillage on the skin should immediately be removed with suitable cleanser, soap and water.
 - Eye should be well flush with water and seek for medical attention immediately upon contact with this product.
 - During the application, naked flame, welding operation and smoking is not allowed.

