

ChemZinc 1[®]



Description

ChemZinc 1[®] is a single component primer based on metallic zinc and epoxy resins.

Advantages

- One component, it avoids possible mixing problems.
- Economical, one pack system ensures no site wastage.
- Provides a very good bonding between steel bars and concrete.
- Combats corrosion by electrochemical means.

USES

ChemZinc 1[®] is ideal to be used for the following operations:

- To protect steel bars against chloride attack.
- For coating of steel structures as an anti-corrosion primer.
- Resists and prevents corrosion of steel reinforcement.

Technical Properties

Density	1.8 kg/Liter
Solid content	68 ± 1%
Colour	Grey
Fire	Flammable
Touches dry	15 min. at 25°C
Recoat	one hour at 25°C

Standards Compliance

- ChemZinc 1[®]** conforms to international standards
- BS 4652

Coverage

- 3 m² / Kg at 30 micron D.F.T (Min thickness: 15-20 micron per coat).

Note: Rates can be different depending on nature of substrate and method of application.

Packaging

ChemZinc 1[®] is supplied in:

- 0.5, 1 & 5 Kg cans.

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Application Instructions

Preparation:

- All rust should be removed specially in pits subjected to chloride attack.
- Steel should be cleaned to a bright condition paying particular attention to the back of exposed steel bars.
- Immediately after grit blasting, the steel corroded due to chlorides should be high-pressured washed with clean water.

Mixing: ChemZinc 1[®] should be stirred thoroughly before using it.

Application:

- After completion of the preparation, ChemZinc 1[®] must be applied within 3 hours to a dry steel surface.
- A brush or roller or airless spray suitable for apply it.
- the back of exposed steel bars is properly coated. Allow to fully dry before proceeding.
- ChemZinc 1[®] can be used as a finish coat.

Shelf Life

Shelf life is up to 12 months when stored as per recommendations.

Warehouse Conditions

ChemZinc 1[®] store in normal temperature and closed shaded dry area in undamaged original packing.

Quality & H and S

All products manufactured by iChemEG, or imported from iChemEG affiliate companies worldwide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems.

Technical support

For any technical support, please contact IChem technical office or representatives.

