

ChemZinc 2[®]



Description

ChemZinc 2[®] is two components cold curing zinc rich epoxy primer designed as an anti corrosive quick drying primer for various paint systems.

Advantages

- Provides a very good bonding between steel bars and concrete.
- Combats corrosion by electrochemical means.
- Excellent rust inhibiting properties.

USES

ChemZinc 2[®] 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	1.6± 0.1 kg/Liter
Solid content	70 ± 1%
Colour	Grey
Pot life at 25oC	4 hours
Fire	Flammable
Touches dry	45 min. at 20 ^o C
Full dry	12-24 hours at 20 ^o C

Standards Compliance

ChemZinc 2[®] conforms to international standards

- BS 4652

Coverage

- (3 – 5) m² / Kg at 60 micron D.F.T (Min thickness: 40 micron per coat).

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

Packaging

ChemZinc 2[®] is supplied in:

- 20 Kg cans (B 14.32 kg – H 5.68 kg).

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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 2[®] separately & then add component B and mix again until a homogeneous form with mechanical mixer (300 – 400) rpm.

Application:

- After completion of the preparation, ChemZinc 2[®] must be applied within 3 hours to a dry steel surface.
- A small brush is generally suitable for coatings making sure that the back of exposed steel bars is properly coated. Allow to fully dry before proceeding.

Shelf Life

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

Storage conditions

ChemZinc 2[®] store in normal temperature and closed shaded dry area in undamaged original.

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.

