

InsuZinc Rich

Single component special modified synthetic resin based zinc rich primer for steel.

DESCRIPTION OF PRODUCT

InsuZinc Rich is a single component, solvent borne zinc rich primer, providing active galvanic protection to steel. It is a thick grey liquid of paint-like consistency, recommended for use where chloride induced attack on steel and concrete is involved.

PRIMARY USES

- As a protective coating to steel reinforcing bars in concrete.
- As a touch-up primer for damaged galvanised metal.
- As a primer for steel substrates prior to suitable top coating.

ADVANTAGES

- Provides positive protection of steel components against corrosion.
- Excellent adhesion to steel.
- Easy to use single component material.
- No pot-life restrictions or wastage.
- Short overcoating time.

PACKAGING

InsuZinc Rich is a single component system, supplied in 1 litre units.

TYPICAL PROPERTIES

Appearance	thick grey liquid
Specific gravity	2.20 at 25°C
Tack free time	20 mins at 25°C
(approximate)	5 mins at 40°C
Recoat time	5 hours at 25°C
	2 hours at 40°C
T.Z.C. in DFT	>90%
D.F.T. per coat	>50 microns
Application temperature	min. 10°C
	max. 40°C

STANDARDS

InsuZinc Rich is formulated to meet the scope of BS 4652, 1995 Type 2.

APPLICATION PROCEDURE SURFACE PREPARATION

The steel surfaces should be or grit blasted or wire brushed to remove all traces of corrosion. Ensure no oil, grease or dust is present. Surfaces should be dry.

InsuZinc Rich immediately after completion of preparation to prevent any contamination. Do not leave blasted or prepared steel uncoated.

MIXING

InsuZinc Rich should be thoroughly mixed prior to application.

APPLICATION

Brush the InsuZinc Rich onto the prepared substrate, ensuring uniform and full coverage, particularly on the back face of reinforcement. Repair mortars can be applied as soon as the **InsuZinc Rich** is dry.

LONG TERM EXPOSURE

InsuZinc Rich is not designed as a finished coating. Although protection to the steel will be provided for some time, overcoating should be carried out as soon as possible, particularly in aggressive environments.

COVERAGE

When used for coating steel 1 litre of InsuZinc Rich will cover 165 linear metres of 16mm diameter bar per coat and pro rata or 7.5m²/litre/coat.

EQUIPMENT CARE

Tools should be cleaned with Solvent immediately after use.

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STORAGE

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is at least 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Insumat's Technical Services Department.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information, contact Insumat's representative.

Insumat reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY STATEMENT

All products manufactured by Insumat Egypt, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, standard.

* Properties listed are based on laboratory controlled tests.

Actual measured data may vary due to circumstances beyond Insumat's control.

Manufacturing Insulating Materials and Products Company

Founded by
Osman Ahmed Osman
1974

☎ 011 1974 1974
📍 Plot 83 El Motawereen - El Sadat City - Menofia
✉ info@insumat.com
🌐 www.insumat.com