

OVERVIEW

Epiprime ZR is a two component metallic zinc rich epoxy primer designed to provide excellent corrosion resistance to steel reinforcing bars used in concrete. Epiprime ZR forms an integral part of the Terraco concrete repair system.

PRODUCT GRADES/CODES

ZR Part 1	68430
ZR Part 2	68431
ZR Solvent	68432

PROPERTIES

Epiprime ZR is specially formulated anti-corrosion primer based on a combination of metallic zinc, epoxy resins and proprietary additives. Does not contain any fillers.

AREA OF USE

Epiprime ZR is designed as part of the Terraco concrete repair system and is a high performance primer which gives maximum corrosion protection to steel reinforcement bars in concrete. The product is ideally suited for use in both maintenance and new construction. Epiprime ZR is also suitable for use as a primer for bridges and structural steel work.

PREPARATION OF SURFACE

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed with Epiprime ZR Solvent. Use a stiff wire brush to remove any loose scale and then hand file until a clean, bright surface is obtained. Alternatively, the area to be treated can be needle-gunned or grit blasted. Immediately before coating with Epiprime ZR the area is once again wiped down with the solvent.

MIXING

The product is supplied in two individual containers as a unit. Always mix a complete unit of Part A (the zinc rich component) with a complete unit of Part B (the curing agent). For use, agitate Part A with a power mixer until any settlement is removed from the bottom of the tin. Next, add the entire contents of Part B to Part A and mix thoroughly with the power mixer. Pot life as follows:

Temp	Pot Life
5 C°	20 hours
15 C°	10 hours
25 C°	5 hours
40 C°	2 hours

APPLICATION & CLEANING OF TOOLS

Apply by brush to entire surface of rebar to a thickness of 50-75microns. Keep the material well stirred during application to avoid settlement.

Clean tools with Epiprime ZR Solvent.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Epiprime ZR part A is supplied in 2.5ltr (17.8kg) containers and Epiprime ZR part B is supplied in 625g (700 ml) containers.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	Epiprime ZR
Binder	Epoxy
Specific Gravity	7.1g/ml
Volume Solids	59%
Recommended Dry time Thickness	50 to 75 microns
Application Thickness	60 to 90 microns
Coverage	7.9m ² at 75u DFT
Drying Time	At 25 degrees, touch dry 75 min, hard dry 4hrs
Pot Life	At 25 degrees, 4hrs
Packaging	Part A 2.5ltr (17.8kg) Part B 625g (700 ml)
Storage	12 months in original unopened containers.

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