METALLIC ZINC RICH PRIMER

CODE: 810012 REVISION: 02 DATE: 09 December 2025

GENERAL DESCRIPTION

Metallic Zinc Rich Primer is a general purpose zinc primer for the temporary protection of suitably prepared steel structures. Metallic Zinc Rich Primer is a fast drying coating that protects steel and ferrous metals exposed to severe corrosive environments. This high performance Vinyl-chloride compound fuses zinc to the metal substrate and provides galvanic protection against corrosion equal to Hot Dip Galvanizing.

TECHNICAL DATA

Binder Type		:	Vinyl-chloride vinyl-ether based resin zinc rich primer
Recommended Use		:	On Steel Structures and Welding repair areas
Flash Point		:	38°C
Volume Solids		:	70% ±2%
Percentage Zinc in Dry Film		:	80% ±2%
VOC		:	425 g/l
Coverage (Theoretical)		:	0,200 – 0,400 L/m² 5.0 – 2.5 m²/L
Coverage (Practical)		:	0,286 – 0,555 L/m² 3.5 – 1.8 m²/L
Wet Film Thickness		:	200 - 400µm
Dry Film Thickness		:	140 - 280 microns
Drying Time	Surface Dry	:	20 minutes (at 23°C and 50% humidity)
(at D.F.T. 140µm)	Hard Dry	:	2 hours (at 23°C and 50% humidity)
Painting interval		:	Minimum - 2 hours
(at D.F.T. 140µm)			Maximum - 2 hours
Thin With		:	Spraying Enamel Thinners
Clean Equipment With		:	Mineral Turpentine
Preferable subsequent coats		:	Acri 700 Finish, Evamarine Finish or any industrial topcoat
Packaging		:	One Pack Component
Colour Range		:	Grey
Pack Sizes		:	500ml and 1 litre

Coverage/spreading rate of **Metallic Zinc Rich Primer** depends largely on the condition and porosity of the substrate being painted and manner in which the product is applied.

Technical Data Sheet

APPLICATION

Ensure that the substrate is clean, dry and free from any oil, grease and other surface contaminants. Steel may be cleaned by means of steam cleaning or wiping with Lacquer Thinners. Apply 1 coat of **Metallic Zinc Rich Primer** by means of brush or spray equipment and allow minimum 2 hours to dry. Apply the second or topcoat within 48 hours of priming.
Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from Dekro Paints or can be downloaded from our website –www.dekro.co.za.

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SAFETY INSTRUCTIONS

Always keep out of reach of children and animals.
Wear a suitable dust mask and goggles when preparing surfaces.
Ensure good ventilation during application and drying.
If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.
If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.
Harmful if swallowed. Seek medical attention and do not induce vomiting.

GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.
It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

PREVENTING PROBLEMS AND GENERAL INFORMATION

Excessive application thickness and/or rapid drying could lead to mud cracking.
Avoid applying under adverse weather conditions as this could result in poor product performance.
Excessively friable surfaces should be cleaned down prior to primer application.

CLEANING, STORAGE AND DISPOSAL

Remove as much paint as possible from application equipment and wash immediately after use with Mineral Turpentine.
Close containers tightly after use and store in a cool well-ventilated area.
Do not empty contents or wash into drains or water courses.
When disposing please follow local authorities regulations and recycle the container after use.
Avoid storing in direct sunlight and heat.

Technical Data Sheet

APPLICATIONS FOR AFRICA™

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The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.