



XIN2

Xinc 240

DURABLE ZINC-BASED PROTECTION BY COLD GALVANIZATION

- Micronized zinc particles create a highly effective protection coating through cold galvanization
- Long lasting and durable
- Corrosion protection salt spray Test 240 and 480 hours
- Approved by TÜV-Rheinland/Germany
- Powerful adhesion due to epoxy modified alkyd and 100% pure zinc powder
- Very high coverage
- Excellent for repairing/replacing hot dip galvanized treated parts
- Stops rust - prevents corrosion through cathode-protection-effect
- Excellent bonding to all types of metals
- Easily to be painted over
- Can be spot-welded
- Tough and flexible surface - will not flake off



General Information

XINC 240 is a unique composition of epoxy modified alkyd resin and 100% pure zinc powder. Applied to all metals it creates a flexible but highly resistant and durable zinc-resin coating, which offers very good protection against corrosion by electro-chemical-effect. Even if the applied coating

is scratched or damaged, XINC 240 will provide protection against corrosion through a cathode-protection-effect between zinc and metal as well as insoluble alkaline products (zinc salts) which develop and protect the surface further against corrosion.

Technical Information

Physical state: aerosol
 Color: grey
 Odour: characteristic
 Application temperature: + 10°C to + 25°C
 Operating temperature: - 50 to + 130°C
 Initial boiling point and boiling range: - 24,8°C
 Lower explosion limit: 1 Vol. %
 Upper explosion limit: 18,6 Vol. %
 Flash point: - 41°C
 Auto-ignition temperature: 465°C
 pH: Mixture is non-polar/aprotic.
 Vapour pressure (at 20°C): 5000 hPa
 Density (at 20°C): 1,042 g/cm³

Organic solvents: 64,3%
 Solids content: 5,1%
 Fast drying skin, free of pores
 Dust dry at 20°C: after 5-7 minutes
 Coverage: two-pass coating (20°C & 50% rel. humidity): approx. 4 m²
 Over-paintable: after min. 6 hours for standard paints, 24 hours for high solvent paints
 Salt spray test resistance acc. to DIN EN ISO 9227 NSS: 2-pass coating (30-50µm): min. 240h
 3-pass coating (70-90 µm): min. 480h
 Cert.-no. EB 1692249, TÜV-Rheinland
 Condensation-water test resistance acc. to DIN EN ISO 6270-2:
 2-pass coating wet-in-wet (30-50µm): min. 1.000h
 3-pass coating wet-in-wet (70-90 µm): min. 1.416h
 Cert.-no. EB 1692249, TÜV-Rheinland

Application and Use

- Applied to reinstall corrosion protection of hot dip galvanized surfaces damaged by welding, drilling, cutting, grinding or other mechanical treatments.
- Can also be used to for sealing and corrosion resistance treatment of hollow spaces, tubes and concave parts.
- Other typical applications, where XINC 240 has proved its value: hot water tanks, metal welding constructions, fences, railways and earth moving equipment, cooling towers, agricultural equipment, metal windows and doors, roofs, discharge chutes, laundry and car wash installations, oil refineries, steel bridge constructions, steel frames, air conditioning units, signaling installations, storage tanks, pumps, compressors in the chemical industry etc.
- Perfectly suitable for coastal boating and shipping equipment which suffer contact with salt water environments and generally for tidying up of weather beaten galvanized parts.
- Also to be applied as undercoating for cars, trailers, heavy equipment before putting on top coating of paint and lacquer.
- AFTER USE: to clean the nozzle and to prevent blockage, hold the can upside down and spray until only gas is released.
- Make sure that surfaced/parts to be treated are clean and free soil and oil/grease. Pre-treat and clean with SOLVIX !
- Apply required number of coatings as per desired corrosion resistance level (see TECHNICAL INFORMATION above).
- To match color of originally hot dip galvanized surfaces (lighter color), use "XINC GUARD".
- For cleaning and pre-treatment of surface before applying XINC 240 please use SOLVIX and VOLTEX II as directed.

Article nr	Name	Content	Shelf Life	Catalog
X111002	Xinc 240	500ml	see imprint + 24 months	SURFACE PROTECTION AND TREATMENT



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