

TECHNICAL INFORMATION SHEET**272 COLD GALV**
Zinc Rich Primer

09 May 2022

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Description and uses:

272 Cold Galv is an epoxy ester zinc rich primer designed to provide galvanic protection to steel surfaces. Designed to repair damaged or degraded areas on galvanised or zinc rich coated areas.

The main features are:

- Single pack convenience.
- Can be used in combination with a wide range of decorative and heavy-duty coatings.
- Weldable in thin coats – (10-15microns).
- Dry film heat resistant to 200°C.
- Suitable for repairing damaged inorganic zinc silicates, wrought iron and galvanised steel.
- 88% zinc metal in dry film.

Typical areas of application are:

- Structural steel, pipelines, bridges, power plants, mining equipment, handrails.
- Repairing of galvanized steel and inorganic zinc rich coating

Technical Specifications:

FINISH: Matt Grey

THINNERS: Not required or T200 for clean-up.

VOLUME SOLIDS: 40%.

COVERAGE: Approximately 8-10 Square metres per litre (at a D.F.T. of 50 microns).

RECOMMENDED FILM THICKNESS: 50-75microns per coat.

APPLICATION: Conventional, Airless Spray, Brush, or Roller.

DRYING at below 50% Humidity:	<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
Recoat:	60minutes	45minutes	30minutes
Full Cure:	24hours after the last coat applied.		

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APPLICATION DETAILS – PAINTING SYSTEMS			
D.F.T. um			
System 1	1 st Coat	50-75	272 Cold Galv (Thinner if needed T200)
	2 nd Coat	50-75	272 Cold Galv (Thinner if needed T200)

D.F.T. um			
System 2	1 st Coat	50-75	272 Cold Galv (Thinner if needed T200)
	2 nd Coat	20-30	260 Keycoat (Thinner T166)
	3 rd Coat	40-60	Any Lacnam Enamel, optional 2nd coat if required. (Thinner T102 or t104)

D.F.T. um			
System 3	1 st Coat	50-75	272 Cold Galv (Thinner T200)
	2 nd Coat	20-30	260 Key-Coat (Thinner T166)
	3 rd Coat	50-75	720 Iso-Free, 2nd coat optional. (Thinner T154 or slow T156 or T159)

APPLICATION DETAILS – SURFACE PREPARATION		
SUBSTRATE	DETAILS	RECOMMENDED SYSTEM
Steel	Hand and Power tool clean to AS1627.2 class 2 Or abrasive blast clean to AS1627.4 Class 2 - AS 4680.8	1,2 or 3
Previously exposed zinc coated steel	Hand and Power tool clean to AS1627.2. Surface profile 30-50 microns, decrease and apply coting as per standard - AS 4680.8	1,2 or 3
Galvanized and zinc coated steel	Hand and Power tool clean to AS1627.2, surface profile 30-50 microns, decrease and apply coting as per standard - AS 4680.8	1

Note: For best galvanic protection two coats is recommended at no less than 100microns dry.

Surface Preparation:

- When overcoating; Aged paint coatings should be tested for adhesion using Crosshatch or Crosscut methods. If aged paint coating lifts remove it as per AS1627.2.
- Remove all rust, oxides, lose paint from galvanised surface as per AS1627.2.
- Round off all sharp edges, welding joints and weld spatter.
- Coated areas should be clean and free from dust, dirt, oil, grease and moisture.
- All abrasive blast clean ferrous surfaces must be coated within 4 hours to avoid flash rusting.
- Do not apply at temperatures below 5' Celsius. Do not apply at relative humidity above 85%, or when the substrate surface is less than 3' Celsius above dewpoint.

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Equipment Application: (Brush and roller is recommended).

As a Guide Use:

Brush or Roller – Best galvanic protection.

Conventional Spray - 1.5 -2.0mm tip (or equivalent). Pressure pot set at 55 - 100kpa (8 - 15psi) and maintain gun air pressure 275 - 380kpa (40 -55psi).

Airless Spray - Use heavy-duty airless spray with 10 -15 “(0.25 – 0.38mm) plus tip and pump ratio 30:1

Application Thinning:

Brush or Roller – Suitable for small areas only; NO THINNING IS NEEDED

Conventional Spray – Thin approximately 20% and apply.

Airless Spray - Thin approximately 5 – 10% and apply.

Clean Up – T200 thinner.

Safety Instructions:

Storage: Store in a cool, dry banded area out of direct sunlight as required for Flammable liquids DG Class 3, PG III, Hazchem 3(Y)E.

Flammability: Highly flammable, all sources of ignition must be eliminated in or near area of use, on burning fumes emitted are toxic. Do not smoke in immediate area.

Handling: Adopt adequate Occupational Work Practices to avoid personal contamination with product. Always wash hands before smoking, eating, drinking or using toilet. Food and Drink should be to stored and consumed in separate area.

Personal Protection: Avoid contact with skin or eyes; wear suitable clothing such as impervious overalls, PVC or neoprene gloves, safety goggles and face mask.

Using: Avoid inhalation of spray mist and vapours – use with adequate ventilation and suitable Personal Protection Equipment (PPE).

Engineering controls: Ensure ventilation is adequate. When spraying, ensure product is applied in a fully functional spray-booth. Keep containers closed when not in use. Do not use near ignition sources.

REFER SDS BEFORE USE

(Phone 02 9688 1999 or refer to www.lacnam.com.au for copy SDS)

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