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TECHNICAL INFORMATION SHEET

275 SILVAGAL

Silver Paint

June 2013

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Description and uses:

275 Silvagal: is a fast drying single pack solvent system based on Acrylic Resin, formulated to provide anticorrosive protection to galvanized welds and other steel products that require a galvanized effect.

The main features are:

- Single pack convenience.
- Fast dry at ambient temperature
- Provides anticorrosive protection
- Can be used in combination with a wide range of decorative and heavy duty coatings.
- Thinning not required

Typical areas of application are:

- Galvanized welds
- Touch up of wrought iron and galvanized steel

Technical Specifications:

FINISH: Silver Low Sheen

THINNERS: T104 or T 200

VOLUME SOLIDS: 27-30 %.

COVERAGE: Approximately 12 - 14 Square metres per litre (at a D.F.T. of 25 microns).

RECOMMENDED FILM THICKNESS: 15-25 microns.

APPLICATION: Conventional, Airless Spray, Brush or Roller.

DRYING AT 25°C / 50% Humidity: Touch dry – 5-10 minutes
Recoat – After 1 Hour
Hard dry – Over night.

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APPLICATION DETAILS – PAINTING SYSTEMS			
D.F.T. um			
System 1	1 st Coat	15-25	275 Silvagal (Thinner T104 or T200)
	2 nd Coat	15-25	275 Silvagal (optional) (Thinner T104 or T200)

D.F.T. um			
System 2	1 st Coat	40-60	272 Cold Galv (Thinner T102 or T195)
	2 nd Coat	15-25	275 Silvagal (Thinner T104 or T200)
	3 rd Coat	25-40	275 Silvagal (optional) (Thinner T104 or T200)

D.F.T. um			
System 3	1 st Coat	25-30	260 Key-Coat (Thinner T166)
	2 nd Coat	15-25	275 Silvagal (Thinner T104 or T200)
	3 rd Coat	15-25	275 Silvagal (optional) (Thinner T104 or T200)

APPLICATION DETAILS – SURFACE PREPARATION		
SUBSTRATE	DETAILS	RECOMMENDED SYSTEM
Steel	Power tool clean to AS1627.2 class 2 Or abrasive blast clean to AS1627.4 Class 2	1,2 or 3
Previously exposed zinc coated steel	Decrease with cleaning solvent or Wax and Grease Remover, wash down with clean water to remove zinc salts from the surface and allow to dry.	1,2 or 3
Galvanized and zinc coated steel.	Decrease with cleaning solvent or Wax and Grease Remover.	1,2 or 3

Surface Preparation:

- When overcoating; Aged paint coatings should be tested for adhesion using Crosshatch or Crosscut methods. If aged paint coating lifts remove it.
- Remove all rust, oxides, millscale and loose paint from metal surface.
- Round off all sharp edges, welding joints and weld spatter.
- All surfaces to be painted should be clean and free from dust, dirt, oil, grease and moisture.
- All abrasive blast clean ferrous surfaces should 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: (Conventional or Airless Spray Recommended).

As a Guide Use:

Brush or Roller - Suitable for small areas only.

Conventional Spray - 1.3 -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; May require Slow or Retarding Thinner (T122), to improve brushability. Thin initially 5%, then increase to suit.

Conventional Spray – Thinning not normally required

Airless Spray – Thinning not normally required

Clean Up – T104, T134, or T200 thinner.

Safety Instructions:

Storage: Store in a cool, dry bunded 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 MSDS BEFORE USE

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

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