

TECHNICAL INFORMATION SHEET**318 CONTAINER COAT**

April 2016

TDS 318 Page 1 of 3

Description and uses:

318 Container Coat is a fast drying single pack solvent system based on Modified Acrylic Resins. Formulated for use within the industrial environment as a direct to metal coating.

Features include:

- Ready for use application
- High dry film build
- Non-bleeding
- Single pack convenience
- Fast dry at ambient temperature
- Suitable for (temperature cured) continual process operations
- Flexible, resists cracking in extreme cold environment
- Can be used in combination with a wide range of decorative and heavy duty coatings

Typical areas of application:

- Recondition of mild steel drums (interior application)
- Industries including, power plants, refineries, buildings, bridges and domestic/export containers.

Technical Specifications:

Finish: Semi-Gloss

Colour: Standard colour Range, custom colours on request

Thinners: T200, T134

Volume Solids: 50-54%

Coverage: Approximately 8-10 square metres / litre (WFT 100um / 50um DFT)
6-7 square metres / litre (WFT 150um / 75um DFT)
4-4.5 square metres / litre (WFT 250um / 125um DFT)

Application: Conventional, Airless Spray

Drying at 25°C / 50% Humidity: Minimum DFT: Touch dry: 20-30 minutes
Recoat: After 2-3 hours
Hard dry: Overnight / minimum 16 hours

318 CONTAINER COAT

April 2016

TDS 318 Page 2 of 3

APPLICATION DETAILS – PAINTING SYSTEMS			
Dry Film Thickness um			
System 1	1 st Coat	75-125	318 Container Coat (Thinner T200 or T134)
	2 nd Coat	75-125	318 Container Coat (optional) (Thinner T200 or T134)

Dry Film Thickness um			
System 2	1 st Coat	40-60	272 Cold Galv (Thinner T102 or T195)
	2 nd Coat	75-125	318 Container Coat (Thinner T200 or T134)
	3 rd Coat	75-125	318 Container Coat (optional) (Thinner T200 or T134)

Dry Film Thickness um			
System 3	1 st Coat	25-30	260 Key-coat (thinner T166)
	2 nd Coat	75-125	318 Container Coat (Thinner T200 or T134)
	3 rd Coat	75-125	318 Container Coat (optional) (Thinner T200 or T134)

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 (T192), wash down with clean water to remove zinc salts from surface and allow to dry	2 or 3
Galvanized and zinc coated steel	Decrease with cleaning solvent or Wax and Grease remover (T192)	3

Surface Preparation:

- When overcoating; Aged paint coatings should be tested for adhesion using Crosshatch or Crosscut methods. If aged coating lifts remove it.
- Remove all rust, oxide, millscale and flaking paint from metal surface.
- Round off all sharp edges, welding joints welding 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 coating at temperatures below 5° Celsius. Do not apply coating if relative humidity is above 85%, or when the substrate surface is less than 3° Celsius above dewpoint.

318 CONTAINER COAT

April 2016

TDS 318 Page 3 of 3

Equipment Application: (Conventional or Airless Spray Recommended).

As a Guide Use:

Brush or Roller - Suitable for small area touch up.

Conventional Spray - 1.8 -2.2mm 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 area touch up; 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 – T200, T134 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)

Although this information is presented in good faith and compiled from sources believed to be accurate, Lacnam Paints make no representations or warranty as to the completeness or accuracy thereof. As the product's performance and suitability depends on various factors, the purchasers of our products should determine for themselves whether the product is suitable for their particular use.