



LACNAM PAINTS AUSTRALIA

ABN 48 125 092 482

78-80 MANDOON, ROAD, GIRRAWEE, SYDNEY

NSW 2145 AUSTRALIA

TELEPHONE: (02) 9688 1999 FACSIMILE: (02) 9896 1606

EMAIL: sales@lacnam.com.au WEBSITE: www.lacnam.com.au

TECHNICAL INFORMATION SHEET

210 FIDAX RFU BLACK

March 2009

TDS 210 RFU page 1 of 3

Description and uses

210 Fidax RFU is an alkyd based zinc phosphate anticorrosive enamel formulated for use in dip tanks for the coating of metal objects.

210 Fidax RFU Enamel has the following features:

- Fast drying and setup.
- Recoatable.
- Tough film properties.

Typical areas of application are:

- Coils, springs etc.
- Swaybars and tools.
- Scaffolding etc.

Technical Specifications:

FINISH: Matt.

THINNERS: T102 or T104 thinners (other blends of solvents for specific use should be discussed with technical department)

VOLUME SOLIDS: 28 - 32%

COVERAGE: Approximately 9-10 Square metres per litre (at a D.F.T. of 30 microns).

RECOMMENDED FILM THICKNESS: 25-35 microns dry.

APPLICATION: Dipping, conventional and airless spray.

DRYING AT 25°C / 50% Humidity: Touch dry 20-30 minutes

Hard dry overnight

210 FIDAX RFU BLACK

March 2009

TDS 210 RFU page 2 of 3

APPLICATION DETAILS – PAINTING SYSTEMS			
D.F.T. um			
System 1	1 st Coat	25-35	210 Fidax RFU Black
	2 nd Coat	25-35	210 Fidax RFU Black (optional)

D.F.T. um			
System 2	1 st Coat	5-10	258 Twin Pack Etch or 260 Key-Coat (thinner T166)
	2 nd Coat	25-35	210 Fidax RFU Black

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
Aluminum and non-ferrous metals	Light abrasive blast or treat with 212 metal clean.	2

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.
- Applied 210 RFU coat subjected to exterior exposure for extended period of time should be accessed for “Chalking” before applying suitable topcoat to achieve optimum intercoat adhesion.
- Care must be taken to avoid contaminants (such as cement from scaffolding) entering dip tanks as alkyls can gel this product.

Application Dipping:

- Dipping tanks should be mechanically agitated regularly for optimum performance and stability. Regular addition of stabilizers is recommended.
- As solvent evaporation will occur, viscosity should be monitored and thinners added as required.
- Reduction with thinners to achieve a suitable dipping viscosity must be performed and viscosity measured with a flow cup [25 -30 seconds @ 25°c].

210 FIDAX RFU BLACK

March 2009

TDS 210 RFU page 3 of 3

Application Spray, Brush & Roll: As a Guide Use:

Brush or Roller - Suitable for small areas only.

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

Safety Instructions:

Storage: Store in a cool, dry banded area out of direct sunlight as required for Flammable liquids DG Class 3, PG II, 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.