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TECHNICAL INFORMATION SHEET

388 True Grit Epoxy

Non Slip 2K Epoxy

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TDS 388 Page 1 of 4

Description and uses:

True Grit is aggregate based high profile non- skid finish based on modified 2K epoxy. This heavy duty anti-slip coating is ideal for applications in slippery areas to make them safer for both pedestrian and rolling equipment traffic.

It forms a completely non porous surface which is engineered to withstand heavy loads of forklifts and other heavy machinery traffic along with providing long term protection from water, oil, grease, fuel, detergents, alcohol and hydraulic fluids.

Features:

- Application suitable for light duty commercial to heavy duty marine and industrial environment. Ideal for Wet areas such as Bathrooms, Kitchen & Washing bays
- Good surface wetting and anticorrosive properties.
- Can be applied over most aged coatings.
- Fast drying
- Exceptional solvent and chemical resistance.
- Anti-rust and Anti creep
- High solids

Technical Specifications:

MIXING RATIO: Part A / Part B 3/1 (Volume) and Full Aggregate Pack

POT LIFE: 2 hours @ 25°C. VOLUME SOLIDS: 80%

COVERAGE: 4 to 5 Square metres / 4 litre.

RECOMMENDED FILM THICKNESS: Approx. equivalent to 300 microns wet / 250 microns dry.

APPLICATION: Heavy duty Roller or Trowel.

388 TRUE GRIT EPOXY

Technical Specifications:

Cure: (25°C & 50% Humidity) at 250 micron DFT.

Touch
5 Hours

Handle
16 Hours

Full Cure
7 Day

Drying time varies with environmental variables such as ventilation, air temperature and humidity.

The resistance properties of the anti-slip surface is fully developed after full cure only. Ensure the substrate is contaminants free, clean and dry to achieve optimum adhesion. New concrete deck and floors must be dry and fully cured.

Non slip pattern is based on application technique and number of the coats applied.

Highest roughness and non-skid surface is achieved by applying two or more coats.

Prep primed surface is suggested for long term protection. Lacnam 285 epoxy can be used as primer sealer before applying 388 True Grit Epoxy.

APPLICATION DETAILS – PAINTING SYSTEMS

D.F.T. um			
System 1	1 st Coat	Not Applicable	388 True Grit Epoxy (Thinner T180) if required
	2 nd Coat	Not Applicable	388 True Grit Epoxy (Thinner T180) if required

D.F.T. um			
System 2	1 st Coat	120-160	285 ST Epoxy (Thinner T180) if required
	2 nd Coat	Not Applicable	388 True Grit Epoxy (Thinner T180) if required
	3 rd Coat	Not Applicable	388 True Grit Epoxy (Thinner T180) if required

D.F.T. um			
System 3	Monocoat Application	Not Applicable	Wet on wet heavy coat of 388 True Grit Epoxy with 10-15 minutes flash off time-Application specific. (Thinner T180) if required.

388 TRUE GRIT EPOXY

TDS 388 Page 3 of 4

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 2.5 or treat with 212 Metal Clean	1, 2 or 3
Aluminum, Galvanized Steel or Zinc Anneal	Light abrasive blast or treat with 212 Metal Clean	1 or 2
Concrete and Masonry	New concrete must be fully cured. Light abrasive blast or acid etch Thin first coat 30% with T180	1 or 2
Previously Painted Surfaces	Lightly sand glossy areas, wash down with cleaning solvent	1 or 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 10' Celsius. Do not apply at relative humidity above 85%, or when the substrate surface is less than 3' Celsius above dewpond.
- Applied 388 True Grit Epoxy coat subjected to exterior exposure for extended period of time should be accessed for "Chalking" before applying suitable topcoat to achieve optimum intercoat adhesion.

Application:

For use by experienced industrial applicators. For best results mechanical mixing of Part A (base) and Part B (hardener) and Aggregate pack is recommended.

Mix 388 Part A, 3 parts with 1 Part 388 part B and Aggregate part C. Allow to stand for 10 minutes, and then stir again before using.

Thinning is not recommended. Best result are obtained when using heavy duty roller or Trowel.

388 TRUE GRIT EPOXY

TDS 388 Page 4 of 4

Safety Instructions:

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

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

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