

SUPATUFF™ FOOD GRADE FINISH

CHEMICAL & ABRASION RESISTANT EPOXY COATING

DESCRIPTION

EPIREZ® Supatuff™ Food Grade Finish is a solventless high build epoxy based coating which provides excellent chemical and abrasion resistance to steel, concrete, aluminium, timber and other surfaces. This product is ideal for the preparation of easy-clean floor and wall surfaces.

EPIREZ® Supatuff™ Food Grade Finish has been especially formulated to provide long work time for ease of use.

EPIREZ® Supatuff™ Food Grade Finish has been especially formulated to provide long work time for ease of use with roller or spray equipment. However, drying time is short and recoating can easily be accomplished in the same shift.

The non-taint and low odour properties of **EPIREZ® Supatuff™ Food Grade Finish** make it ideal for use in food preparation areas. **EPIREZ® Supatuff™ Food Grade Finish** has been tested by the CSIRO Food Research Laboratory for effect on tainting of food. Copy of this report is available on request.

EPIREZ® Supatuff™ Food Grade Finish requires the addition of an appropriate **EPIREZ® Colourpack**.

EPIREZ® Supatuff™ Food Grade Finish was previously named **EPIREZ® Supatuff™ FG**



INTENDED USE

- Food technology establishments
- Food processing plants
- Pharmaceutical industries
- Catering establishments
- Beverage production plants
- Educational facilities
- Hospitals
- Construction & mining industry

PRODUCT FEATURES

- Tile like finish
- Full colour range
- Non-taint to foodstuffs
- Good chemical resistance
- High build application
- Solventless

ESTIMATING DATA

8L **EPIREZ® Supatuff™ Food Grade Finish** + 1 x **EPIREZ® Colourpacks** = 25 m² (2 x 150 µm DFT coats)

1 x EPIREZ® Colourpacks required for each 8 L kit

TYPICAL PHYSICAL PROPERTIES

Technical data should be considered representative or typical only and should not be used for specification purposes.

Mixing Ratio by Volume	1 Hardener to 3 Compound
Work Time @ 25°C	1 hours
Tack Free Time @ 25°C	8 hours
Recoat Time @ 25°C	8 – 24 hours
Hardening Time @ 25°C	24 hours

Solids Content	100%
Coverage per 8 L kit (theoretical)	53 m ² @ 150-micron DFT (per coat)
Colours	Neutral (use – Colourpack range)
Finish	Gloss

SURFACE PREPARATION

Concrete

Remove prior coatings and all loose crumbly material and drummy areas. New concrete must be at least 28 days old. Remove any oil or grease contamination by washing with a suitable surface degreaser. Hose off with high pressure water. Captive blast clean to expose firmly adhered aggregate. Alternatively, acid etch using **EPIREZ® Concrete Etch & Cleaner**. Neutralise surface by washing with fresh water and allow to dry.

Steel

Abrasive blast to AS 1627 Part 4 – 2005 to class 2 ½ white metal and achieve profile height minimum 40 microns.

Priming

Prime surface with **EPIREZ® Epoxy Primer Sealer** using a long nap roller or airless spray. Work well into the surface profile and pores to ensure complete penetration.

Surface preparation guidelines cannot cover all site or field contingencies and it is always recommended that an on-the-spot adhesion test be performed as part of the Standard Quality Assurance audit for the project.

MIXING INSTRUCTIONS

It is strongly recommended that full units be mixed, as ratios are pre-measured.

Proper homogenous mixing of resin and hardener at the correct ratio is essential for the curing and development of stated properties.

Precondition product to between 18 to 25°C before use

Add Hardener and selected **EPIREZ® Colourpack** to the Compound can and mix thoroughly using a suitable mixing paddle fitted to a low speed (400 rpm) power tool. Scrape sides and bottom of container with a flat blade. Remix for a further 2 minutes.

Ensure that all the material on the sides, under the lip of the container and on the stirrer is incorporated.

Note: Take care to avoid air entrapment into the mix. Keep propeller below liquid line, as additional air can be added to mixture, resulting in air bubbles on the surface of the finished product.

Do not add thinners when product is to be used in food areas.

APPLICATION INSTRUCTIONS

EPIREZ® Supatuff™ Food Grade Finish (FG) can be applied by brush, roller or airless spray in 2 coats each up to 150 microns.

For non-slip finishes, broadcast **EPIREZ® Patching & Flooring Mortar Aggregate** between coats using “spread and sprinkle” method.

Allow the coating to cure for 7 days prior to subjecting to chemical exposure

CLEAN UP

Tools and equipment may be cleaned before hardening commences by washing in **EPIREZ® Clean Up Solvent**. Do not use for cleaning hands or mixing with product.

STORAGE

Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the minimum shelf life is two years.

PRECAUTIONS

Supatuff™ Food Grade Finish (FG) should not be applied at temperatures below 10°C.

Supatuff™ Food Grade Finish (FG) should not be applied to surfaces known to suffer from rising damp.

Supatuff™ Food Grade Finish (FG) is not recommended for application over tiles and is not suitable for use where it is subjected to high concentrations of hot chicken fat.

WARRANTY

Epirez will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

DISCLAIMER

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and EPIREZ® makes no representations or warranties of any kind concerning this data.

ORDER INFORMATION

Item No.	Package Size
E902370	8Ltr

CONTACTS

ITW Polymers & Fluids
100 Hassall St Wetherill Park
NSW 2164 Australia
AU Phone: 1800 000 945
itwpf.com.au

ITW Polymers & Fluids
Unit 2 / 38 Trugood Drive
East Tamaki, 2013, Auckland, New Zealand
NZ Phone: 0800 476 265
itwpf.co.nz

EMERGENCY:

AU: 1800 033 111
NZ: 0800 734 607

For Health & Safety information, refer to Safety Data Sheet available from ITW Polymers & Fluids upon request or available on our website.