

### 1. PRODUCT NAME

LATAPOXY® SP-100 Stainless Grout

### 2. MANUFACTURER

LATICRETE Pty Ltd.  
 464 Geelong Road,  
 Footscray West. VIC. 3012.  
 Telephone: 03 99336111  
 Toll Free: 1800331012  
 FAX: 03 99336199  
 Email: laticreteoz@laticrete.com.au  
 Internet: www.laticrete.com

### 3. PRODUCT DESCRIPTION

LATAPOXY SP-100 Stainless Grout is a stainless pigment free colorfast epoxy grout for grouting floor installations of ceramic tile, brick, and stone. Cleans with water while fresh. Can be used for interior and exterior applications. Ideal for kitchen floors, countertops, bathroom floors, malls, cafeterias, and laboratories.

#### Uses

**Commercial** - Cafeterias, Laboratories, Malls, Restrooms, Swimming Pools

**Residential** - Kitchen Floors, Countertops, Bathrooms, Foyers

LATAPOXY SP-100 Stainless Grout is available in 40 colors. Refer to LATICRETE Grout Color Card D.S. 254.3.

#### Advantages

- Stainless - will not be stained by most foods, beverages and cleaning agents
- Uniform Color - reduces color shade variations
- Chemical Resistant - 100% solids epoxy resists many acids, alkalis and corrosives
- Durable - will not peel, crack or powder
- Easy Maintenance - smooth texture, easier to clean than cementitious grout joints.
- Easy to Use - no noxious odor, nonflammable, water cleanable, easy to clean; even with textured tile.
- Meets ANSI 118.3-1999 epoxy grout and requirements of USDA , USFDA

#### Packaging

Complete Unit consists of Resin and Hardener (Parts A & B), Filler Powder (Part C), cleaning pad, gloves, and instruction booklet. Available in 40 colors.

**#1 Unit Pail, 5.4 kg** – 80 pails per pallet

**#2 Unit Pail, 10.8 kg** – 48 pails per pallet

*#1 & #2 Units also available in Liquids Only Kits (Part A & B). Part C can be purchase separately.*

**#4 Unit Carton, 21.6 kg** – available in components only, 50 cartons per pallet

NOTE: For wall applications, use LATAPOXY SP-100 Stainless Grout For Floors N' Walls.

#### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored in a protected area.

#### Limitations

- Suitable for exterior applications. Light colors may darken slightly from direct UV exposure. Consult LATICRETE Technical Services for recommendations on exterior applications.
- For industrial applications exposed to high concentrations of food, mineral acids and high temperatures, use LATAPOXY® 2000 Industrial Epoxy Grout.
- When slab temperature is below 16°C, it is recommended to use LATAPOXY® 2000 Industrial Epoxy Grout for faster cure.
- Maximum stain resistance is achieved in 10 days at 21°C. Protect from exposure to acids (such as vinegar, mustard, salad dressing) dirt and strong cleaners during this period.
- Some soft polished marble or delicate glazed tile may be scratched by LATAPOXY SP-100 Stainless Grout Part C Filler Powder during installation. Apply a small test area to determine results before grouting entire installation.
- Epoxy grout for ceramic tile, and stone is not a replacement for a waterproof membrane. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane.

#### Cautions

- During cold weather, protect finished work from traffic until fully cured.
- Until cured, LATAPOXY SP-100 Stainless Grout may irritate eyes and skin. Avoid contact with eyes and or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

### 4. TECHNICAL DATA

#### Applicable Standards

ANSI A118.3-1999

#### Performance Properties

Test/Test Method	Results
Tensile Strength ANSI 118.3-1999; E-5.7	11.7 MPa
Compressive Strength ANSI 118.3-1999; E-5.6	51.7 MPa
Thermal Shock Resistance ANSI 118.3-1999; E-5.8	>7.6 MPa
Shrinkage ANSI 118.3-1999; E-5.3	0.19%
Sag Resistance ANSI 118.3-1999; E-5.4	Pass
Water Cleanability ANSI 118.3-1999; E-5.1	>80 minutes

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

**Working Properties 21°C**

Working Time	1 hour
Foot Traffic	24 hours
Heavy Traffic	72 hours
Wet Density	1590 kg/m <sup>3</sup>

**CHEMICAL RESISTANCE CHART at 75°F (23°C)**

CHEMICAL NAME	Continuous Exposure	Intermittent Exposure	Splash Exposure
Milk	R	R	R
**Wine	R	R	R
Ethanol	NR (soft)	R	R
**Potassium Permanganate 10%	NR	R	R
**Potassium Permanganate 1%	R	R	R
Tannic Acid to 50%	R	R	R
Tartaric Acid to 50%	R	R	R
Phosphoric Acid to 80%	R	R	R
*Sulfuric Acid to 20%	R	R	R
Oxalic Acid to 10%	R	R	R
Lactic Acid to 5%	R	R	R
Acetic Acid to 5%	R	R	R
Sodium Hydroxide to 50% Saturated	R	R	R
Benzoic Acid 5%	R	R	R
Sea Water	R	R	R
Fruit Juice	R	R	R
Methanol	NR	NR	R
Mek	NR	NR	R
Chloroform	NR	NR	R
Methylene Chloride	NR	NR	NR
Toluene	NR	NR	R
Xylene	NR	NR	R

\*Chemical Resistance depends on exposure levels:  
 Splash - minor spill wiped up quickly such as in a laboratory.  
 Intermittent - exposure to chemicals where clean up takes place several times a day such as in a commercial kitchen.  
 Continuous - heavy exposure to chemicals where clean up is less frequent such as in an industrial food plant.  
 R=Recommended, NR=Not Recommended. Chemical Resistance determined in accordance with ASTM C267-1982.  
 NOTE TO SPECIFIER: Use the constant exposure recommendations for intermittent exposure to reagents at temperatures above 90°F (32°C).  
 \*\*Long exposure may discolor Epoxy.

**5. INSTALLATION**

**Surface Preparation**

Before starting to grout remove spacers and debris in grout joints. Remove dust and dirt using a damp sponge. Do not leave water standing in joints. Do not clean tiles with acid based cleaners. Substrate temperature must be between 16°C and 32°C.

**NOTE:** Temperature will effect working properties of LATAPOXY SP-100 Stainless Grout. Warm temperatures will speed curing and shorten working time. Cool temperatures will slow curing and require longer time to traffic. Store LATAPOXY SP-100 Stainless Grout at 21°C for 24 hours prior to use.

**Mixing** - Pour LATAPOXY SP-100 Stainless Grout Part A and Part B into a clean mixing pail and mix thoroughly by hand or with a slow speed mixer (<300 RPM) until liquids are completely blended. Add LATAPOXY SP-100 Stainless Grout Part C Filler Powder and mix until uniformly blended.

**Application** - Immediately pour entire contents of pail onto a flat surface (Do Not Leave in Pail). Spread with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Insure that joint is filled and grout is not just sitting on top (i.e. "bridging the joint").

**Cleaning** - Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it diagonally across the joints and tile to avoid pulling out the material. Clean using a white nylon pad and plenty of cool, clean water. For detailed application instructions and coverage information refer to Data Sheet 631.5.

**6. AVAILABILITY AND COST**

**Availability**

LATICRETE® and LATAPOXY® materials are available worldwide. For distributor information, call:  
 Toll Free: 1800331012  
 Telephone: 03 99336111  
 For on-line distributor information, visit LATICRETE at [www.LATICRETE.com](http://www.LATICRETE.com).

**Cost** - Contact a LATICRETE Distributor in your area.

**7. WARRANTY**

LATICRETE International, Inc. warrants that LATAPOXY SP-100 Stainless Grout is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the terms and conditions stated in Data Sheet 230.13 LATICRETE Product Warranty (see 10. FILING SYSTEM). In addition, when used as a component of a LATICRETE System Installation, LATAPOXY SP-100 Stainless Grout is warranted for a period of ten (10) years from the date of purchase subject to the terms and conditions stated in Data Sheet 230.12 LATICRETE System Warranty (see 10. FILING SYSTEM).

**8. MAINTENANCE**

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

**9. TECHNICAL SERVICES**

**Technical assistance**

Information is available by calling the LATICRETE Technical Service:  
 Toll Free: 1800331012  
 Telephone: 03 99336111  
 Email: [techservice@laticrete.com.au](mailto:techservice@laticrete.com.au)

**Technical and safety literature**

- 1800331012 to receive data