

## **KLENK'S EPOXY ENAMEL** READ ALL INSTRUCTIONS THOROUGHLY BEFORE BEGINNING

### WHAT YOU'LL NEED

- Klenk's Epoxy Enamel Kit
- Klenk's Prep Kit
- Masking Tape
- Rags
- 2 gallon bucket
- Klenk's Epoxy Thinner
- Rubber gloves
- Roller and/or 1" brush specifically designed for epoxy paints - test first if unsure of quality

### INFORMATION

Coverage: Approx. 6m<sup>2</sup> / L (litre kit yields 2 coats on tub, sink and toilet).  
Required coats: 2. Additional coats may be required over dark colours.  
Pot life: 48 hrs @ -15°C (5°F).

### SURFACES

Never use Klenk's Epoxy on heated surfaces (stoves).  
Plastic surfaces may melt - dab Klenk's Epoxy Thinner onto an inconspicuous spot to test before painting.  
If painting over an existing paint, or if a primer is used, test the surface with Klenk's Epoxy Thinner to ensure compatibility. Never paint over a chipped or peeling finish. Use Circa 1850 Heavy Body Paint & Varnish Remover to strip off old painted finishes prior to the preparation phase.

### CONDITIONS - TEMPERATURE and HUMIDITY

Maintain minimum room temperature of 24°C (75°F) during painting, and for 24 hours after painting. Ensure adequate ventilation, using a fan if necessary. **Do not paint during periods of high relative humidity.**

### PREPARATION

**CHIPS:** Repair surface chips with a 2-part EPOXY filler.

**RUST:** Sand rusted areas and treat with a rust neutralizer/convertor, such as Klenk's Rust Converter or Circa 1850 Bare Metal.

**GROUT:** For best results, remove grout prior to painting tiles. RegROUT after painting. If grout is not removed, thoroughly remove all traces of grout sealer prior to cleaning, by scrubbing with epoxy thinner and then scrubbing with ammonia.

**CAULKING:** Thoroughly remove all traces of caulking prior to cleaning, by scraping off caulking, scrubbing with epoxy thinner and then scrubbing with ammonia. Contamination of paint with caulking residue may result in small circles where paint does not adhere (fish-eyes). Add 2 drops of Klenk's Anti-Fish Eye solution to the paint if fish eyes occur. Recaulk after painting.

**CLEANING:** WEAR GLOVES. Apply Klenk's Prep #1 Cleaning Compound to abrasive sponge. Rub the Cleaning Compound onto the surface in a circular fashion. Thoroughly scrub area where caulking was removed. Rinse surface thoroughly with warm water.

WEAR GLOVES. Dissolve the TSP powder in 4-8 litres (1-2 gals) warm water. Scrub the surface using the sponge soaked in TSP solution. Thoroughly scrub area where caulking was removed. Rinse surface thoroughly with warm water. Allow to dry completely.

WEAR GLOVES. Apply Klenk's Epoxy Thinner to a lint-free cloth. Wipe the entire surface with Klenk's Epoxy Thinner. Thoroughly scrub area where caulking was removed. Allow the surface to dry completely.

### APPLICATION

Apply masking tape around edges, outlets, handles, taps, overflows, etc. Completely cover taps.

Stir the contents of both cans, Parts **A** and **B**, separately. Pour the contents of Part **B** into Part **A**. Stir the mixture. Close lid. Allow mixture to stand for 1 hour.

**1st COAT (BRUSH OPTION):** Apply a thin coat of Klenk's Epoxy using a clean, 1" brush. Paint the surface in 6" squares using vertical strokes, smoothing the finish with even horizontal strokes. **DO NOT GO BACK AND FORTH OVER PAINTED AREAS.** Painted surface will look smooth after the second coat.

**OR**

**1st COAT (ROLLER OPTION):** Apply a thin coat of Klenk's Epoxy using a high density foam roller. Roller application will yield a textured, orange peel finish. Tip off (lightly drag the brush tip across the surface) with a brush if a smoother finish is desired.

**2nd COAT (SAME DAY):** Close lid tightly. Wait 2-3 hours prior to applying a second coat. If the surface is still tacky, proceed to 2nd COAT (NEXT DAY) application. Stir the contents and apply a second coat as directed for 1st COAT. Offset each 6" square if using a brush. If necessary, wait a minimum of 2 hours prior to applying a third coat. **DO NOT USE IF PAINT HAS BECOME VERY THICK.**

**OR**

**2nd COAT (NEXT DAY):** Close lid tightly. Place the remaining Klenk's Epoxy mixture in a very cold (less than 0°C) place for approx. 20 hours. Take added precautions if storing in freezer to prevent transfer of odours. Prior to applying a second coat, loosen the lid and allow the mixture to stand for 1 hour to reach room temperature. Stir the contents and apply a second or third coat as directed for 1st COAT. Offset each 6" square if using a brush.

### HELPFUL HINTS

**CONSISTENCY:** Klenk's Epoxy is very thin. Apply thin coats to prevent runs and drips.

**SANDING:** You may sand drips or runs once paint is dry, using 400 or finer grit sandpaper.

**CLEAN UP:** Clean spills and brush/roller immediately after each use using Klenk's Epoxy Thinner. Alternatively, use a new brush/roller for each coat.

**CURE TIME:** DO NOT USE painted surface for 5 days after painting.

**CLEANING:** Once cured, you may clean painted surfaces with Circa 1850 Bare Metal or with dish washing liquid diluted 10 times in water. DO NOT USE products containing caustics, solvents or abrasives.

**BATH MATS:** DO NOT USE a bath mat for 1 month after painting; remove mat after each use.

**DISCOLOURATION:** Certain products, such as bath oils, bath beads, food, juice, dyes, and chemicals may discolour the painted surface.

### TROUBLESHOOTING

#### IF MY TUB IS STILL TACKY, SHOULD I APPLY A SECOND COAT OF PAINT?

No. You should wait until the surface is no longer tacky. Increase the temperature in the room and use a fan to ventilate the area. Place the paint in a very cold place until the surface is completely dry.

#### WHY DO I HAVE SMALL CIRCLES ON THE SURFACE WHERE THE PAINT WILL NOT ADHERE?

The small circles are called fish eyes, and are caused by contamination with silicone from caulking residue or grout sealer. Add 2 drops of Klenk's Fish Eye Eliminator solution to the paint and apply another coat once the previous coat has dried.

#### HOW DO I AVOID GETTING RUNS ON THE SURFACE OF THE PAINT?

If too much paint is applied to the surface at one time, that paint may run down the surface. Avoid applying an excessive amount of paint at one time.

#### I HAVE MANY BRUSH MARK ON THE SURFACE OF THE PAINTS. CAN I SAND THE PAINTED SURFACE?

Yes, once the paint has dried thoroughly, you can use 400 or finer grit sandpaper to remove any brush marks or runs. After removing the sanding dust using a damp cloth, apply another coat of paint.

#### I WANT TO SPRAY THE EPOXY. WHAT IS THE MIXING RATIO AND DO I NEED TO THIN THE PAINT?

The mixing ratio for the epoxy is 1:1. You can mix up as much of the paint as you require for each application. You do not need to thin the paint.