

## CURING TIME

Ideal application temperature is 21°C. At this temperature, finish will be dry to the touch in 8 hours and fully cured in 72 hours. Warmer temperatures will increase curing times. It is important to keep surface covered during the initial curing process to protect from dirt and debris, this is done best by suspending a cover 10 to 12 cm over the entire surface.

## CLEANUP

Clear Glass Finish must be cleaned from tools before fully curing, while still in its liquid state. Acetone or alcohol will work best for tool and work area cleanup.

## SURFACE CARE

- Wax or polish may be applied to restore luster and help hide minor blemishes in fully cured Clear Glass Finish. Do not use bleach to clean surface. Test small area before using any cleaners or wax. If surface is marred (deep scratches, cigarette burns, etc.), lightly sand surface until all discoloration is removed, wipe clean with a dry cloth and apply a fresh coat of Clear Glass Finish to the affected area.
- Heat resistance – Clear Glass Finish can resist surface temperatures of up to 48°C. Always use an insulating pad to reduce the risk of discolouring surface. Never use Clear Glass Finish to line ashtrays or cookware.
- Fully cured Clear Glass Finish is very resilient. Surface may dent if a heavy object is left on it for an extended period, but will gradually disappear.
- Unmixed leftover Clear Glass Finish has a shelf life of about one year, but should not be allowed to freeze. Be sure to bring Clear Glass Finish to room temperature prior to using.

## CREATIVE TIPS

- Almost anything can be encased in Clear Glass Finish – pictures, fabric, coins, shells, etc. This is best accomplished by using two applications of glaze. Choose your surface (i.e. table, picture frame, etc.) to create a base for embedding the item you want to showcase. After spreading the first pour, press the item to the tacky surface. After it has cured, a second coat can be applied to smooth over the entire surface and embed the item. Laminate photographs before embedding to avoid any discoloration.
- To create a satin finish – remove some of the gloss by lightly sanding the surface with #0000 steel wool or #600 sandpaper. After sanding, clean the surface with a lint-free towel and apply a mixture of oil (linseed, crude, or polishing) and carnauba-based wax. Allow to dry, rub clean, then buff a second time with a carnauba-based wax. Follow the appropriate mixture instructions on the oil or wax container.

## CAUTION

**SAFETY DIRECTIONS:** If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Use personal protective equipment as required. Avoid release to the environment. In case of inadequate ventilation wear respiratory protection. Do not eat, drink or smoke when using this product.

**PART A: RESIN WARNING STATEMENTS:** Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

**Part B: ACTIVATOR WARNING STATEMENTS:** Combustible liquid. May be corrosive to metals. Toxic if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes severe skin burns and eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.

## FIRST AID INSTRUCTIONS

IF exposed or concerned: Get medical advice. Take off contaminated clothing and wash before reuse. IF SWALLOWED: Immediately call a POISON CENTRE (Phone: AUS 13 11 26; NZ 0800 764 766) or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove affected person to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage.

**STORAGE:** Store in a well-ventilated place. Keep container tightly closed.

**DISPOSAL:** Dispose of contents/container in accordance with local regulations.

For further information refer to the Safety Data Sheet available at [www.rustoleum.com.au](http://www.rustoleum.com.au) or [www.rustoleum.com.nz](http://www.rustoleum.com.nz).



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# CLEAR GLASS FINISH

## PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE USING ZINSSER CLEAR GLASS FINISH:

- BE SURE TO FOLLOW MEASURING AND MIXING INSTRUCTIONS CAREFULLY. Improper mixing may result in an imperfect, soft or sticky surface when cured.
- For best results, Zinsser Clear Glass Finish should be at least room temperature 21°C prior to using. If Resin or Activator appears thick or solid, place containers in hot tap water to return contents to a normal, liquid state. Allow to cool to room temperature before mixing.
- When using over polyurethane or acrylic finishes, lightly sand surface and wipe with acetone or alcohol to remove any dust.
- If surface has been previously finished with solvent-based varnishes or stains, test a small amount (do not mix entire kit contents), test on a hidden area to ensure compatibility with Zinsser Clear Glass Finish.
- Applications require only one coat, but multiple coats can be applied for an even deeper finish. Wiping surface with alcohol or acetone within 24 hours between coats will ensure maximum adhesion. Lightly sand if more than 24 hours between coats.
- Can be used on bare natural wood free of polish and wax. Lightly sand and wipe down with a clean, lint free cloth.
- Recommended for INDOOR use only.
- Should NOT be used on wood floors.
- Keep project free from dust and debris for at least 8 hours after coating.

## COVERAGE

Unit Size	Square Metres*
473 mL	0.28 m <sup>2</sup>
946 mL	0.58 m <sup>2</sup>
3.78L	2.3 m <sup>2</sup>

\* based on almost 1.5 mm thickness

## REQUIRED SUPPLIES

- Disposable (unwaxed) mixing cups, buckets or containers with volume measurements (Do not use paper or wax coated containers as the wax will break off during mixing and will contaminate your coating). Flat-walled and flat-bottomed containers are required to be able to scrape the sides of the container.
- Flat sided stir sticks or paint paddles (not power assisted)
- Plastic spreader or rubber squeegee
- Masking tape
- Small disposable solvent resistant paint brush for edge coating
- Latex, vinyl or chemical resistant glove (always wear when working with Clear Glass Finish)
- Plastic drop cloth or newspaper
- Level
- Eye protection
- Protective long-sleeved clothing recommended

## LARGE AREA APPLICATIONS

### Table tops & other large items:

The most critical part of applying Clear Glass Finish to large areas is determining how much to mix at one time and how much surface area it will cover. It is strongly recommended that you do not mix more than one quart (Parts A & B combined) at a time unless you are very experienced with Clear Glass Finish and its working times and tendencies. Application will be a multi-part process: Mix, pour and spread the first section of glaze, then immediately start mixing the next batch. Pour this on the next section, allowing the sections to flow into each other.

Follow this process until the entire surface is covered. It is important the layer be allowed to flow into each other, but not applied on top of each other while they are still wet. Otherwise, uneven curing of the layers will occur resulting in ripples on the surface.

For best results, consider the following suggestion before applying Clear Glass Finish to large surface areas:

- Be sure to read & review **Surface Preparation** prior to pouring.
- If possible, the use of an assistant will help speed up the mixing and application process.
- Pour in smaller sections, spreading the glaze together for a uniform thickness.
- Spread mixture in a single direction for a uniform look.
- Apply in temperatures between 21°C and 27°C for best results.

## SURFACE PREPARATION

Surface must be level and dry. Clean and remove any oil, dust or wax from surface. Cover surrounding area with waxed paper, newspaper or drop cloth.

**NOTE:** Before finishing porous surfaces, a sealer coat is recommended. Certain woods with open grains (such as oak and walnut,) porous fabrics and papers will allow air to escape and cause bubbles in the surface.

**These air passages must be sealed** with a thin coat of Clear Glass Finish prior to the full flood coating. Mix about ¼ the amount required for a full coating and spread a thin coat of Clear Glass Finish over the entire surface. Allow to cure approximately 4-5 hours at 21°C in a dust free area prior to the full flood coating.

**BEFORE POURING:** Wipe the surface clean with alcohol or acetone to remove any remaining dust for maximum adhesion. Elevate area to be coated and protect surface sides and edges with several layers of masking tape. This will allow drips to be removed with tape once cured. Drips may also be scraped off with a putty knife about 30-40 minutes after pouring or they may be sanded from the completely cured surface.

## MIXING TIPS

- Do NOT use power-assisted mixing devices or shake product to mix under any circumstance, this will cause excessive bubbling.
- The Resin and Activator mixture produces heat, which speeds the curing process. The larger the batch, the more heat is generated and the more restricted your work time. Mix in smaller batches to ensure ample time to properly apply.
- Always measure equals amounts by volume, NOT weight.
- Never guess the proper ratio or just empty two bottles into your mixing container. Always use a proper measuring device and measure equal portions of Resin and Activator.
- Test glaze on a small area before applying entire batch.

## MIXING:

**FOLLOW MIXING DIRECTIONS CAREFULLY: IMPROPER MIXING IS THE MOST COMMON REASON FOR POOR RESULTS.**

### 1. MEASURE:

Pour equal parts of Resin (Part A) & Activator (Part B) into separate mixing cups, buckets or containers.

**IMPORTANT:** Mix must be a 1-to-1 ratio – use of calibrated containers will ensure equal volumes.



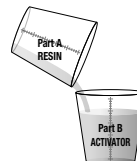
Pour equal parts  
Resin & Activator

### 2. COMBINE & MIX:

Carefully pour the measured Resin (Part A) into the container with the measured Activator (Part B).

**Mix thoroughly and gently with a stir stick for a minimum of 3 minutes** (no more than 5 minutes), trying to limit air bubbles from entering the mixture. Any air bubbles will be removed at first pour. (Do not use a power driven mixing device)

**IMPORTANT:** Be sure to scrape sides and bottom of the container with stir stick while mixing.



Pour resin into Activator. Mix  
for a minimum of 3 minutes.

**NOTE:** If initial mixture appears hazy, stir until the mixture is completely clear.

### 3. TRANSFER & MIX:

Finally, pour the mixed Resin and Activator into a clean container. **Be sure to mix thoroughly with a stir stick for an additional 3 minutes**, again trying to limit air bubble from entering the mixture. (Do not use a power driven mixing device).



Pour mixed Resin & Activator  
into new clean container  
Mix thoroughly for an  
additional 3 minutes.

## POUR & SPREAD

Be sure to read and review **Surface Preparation** prior to pouring. Clear Glass Finish will begin to cure as soon as it is mixed, therefore, it is best to pour **IMMEDIATELY** after mixing. You will have 20-25 minutes working time before the product begins to harden and becomes unworkable. (**NOTE:** If temperatures are above 21°C, working times decrease.) Pour mixture into the center of the surface to be covered, then spread evenly with a plastic spreader or rubber squeegee. For best results, spread mixture in a single direction over the entire surface. Do not continue to spread within the mixture as it sets up, otherwise it will not self-level during the curing action. It is recommended that Clear Glass Finish be applied in 1.5 mm thick applications. Allow sealer to cure for at least 4-5 hours in a dust free area before additional layers of Clear Glass Finish are applied



## SURFACE BUBBLES

Most air bubbles created during the mixing process should naturally rise to the surface and disappear once the mixture is poured, however, because Clear Glass Finish is extremely thick, it is usually necessary to help this process along. While spreading, blow lightly on the mixture, this will help bubbles to rise and disappear. You must work quickly, as once the surface begins to dry, any bubbles will remain trapped and become surface dimples when fully cured. Surface bubbles **MUST** be removed when the surface is still wet, not once surface begins the curing process or else the bubbles will turn into dimples once fully cured. A hair dryer on high heat can aid in removing bubbles from a freshly coated surface. Hold approximately 10 to 12 cm away from coating and use a gentle sweeping motion across surface until bubbles are gone. This process can be repeated as long as the coating is liquid. The hair dryer should never be held one place for too long, as this can damage the surface and coating.