



**VARATHANE®  
BAR & TABLE FINISH**

**DESCRIPTION AND USES**

Varathane® Bar & Table Finish is an ultra thick high gloss clear epoxy that provides exceptional durability. Ideal as a waterproof finish for table and bar tops, it is also great for crafts and furniture refinishing. Bar & Table Finish can be used over almost any interior surface; from rough and unfinished to stained, painted or smooth surfaces. Bar & Table Finish is recommended for indoor use only and is not recommended for use on wood floors.

**PRODUCTS**

SKU	DESCRIPTION (946mL Kit)
372509	Classic Gray
372523	Metallic Blue

**PACKAGING**

Bar & Table Finish is available in a 0.95 liters  
 1-Pint Part A: Base – 0.47 liters  
 1-Pint Part B: Activator – 0.47 liters

**REQUIRED TOOLS**

- Disposable (unwaxed) mixing cups or buckets with volume measurements
- Flat sided stir sticks or paint paddles (not power assisted)
- Plastic spreader or squeegee
- Masking Tape
- Small disposable paint brush for edge work.
- Latex, vinyl or chemical resistant gloves
- Plastic drop cloth, newspaper or waxed paper
- Level
- Eye protection

**BEFORE USING BAR & TABLE FINISH**

For best results use when project surface, material and room temperatures are between 21-32°C and the humidity is below 85%.

Thick or solid unmixed material can be thinned by running the sealed unmixed containers under hot tap water. Allow material to cool to room temperature before using.

If applying over a previous finish, test a small application in an inconspicuous area to confirm compatibility with Bar & Table Finish.

When using over polyurethane or acrylic finishes, lightly sand the surface and remove all sanding dust prior to applying the Bar & Table Finish.

Multiple coats can be applied to achieve an even deeper finish. Wiping surfaces with alcohol or acetone between coats will ensure maximum adhesion.

**SURFACE PREPARATION**

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

**NOTE:** Before finishing porous surfaces, a clear sealer coat is recommended. Certain woods with open grains (such as oak and walnut); porous fabrics and paper will allow air to escape and cause bubbles in the surface. These air passages must be sealed with a thin coat of Bar & Table Finish prior to full flood coating. Mix approximately ¼ the amount required for a full coating and spread a thin layer over the entire surface. Allow to cure 4-5 hours at 21°C in a dust free area prior to applying the remaining ¾ of the pour.

Before pouring, wipe the surface clean with alcohol or acetone to remove any remaining dust to ensure maximum adhesion. Protect the 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 may be sanded from the completely cured surface.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**MIXING TIPS & DIRECTIONS**

**DO NOT SHAKE OR POWER MIX.** Shaking and/or power mixing will result in excessive bubble development.

The resin and activator mixture produces heat. The larger the mixture, the more heat that is generated and the more restricted your work time. Mix smaller batches to ensure ample working time.

**PRODUCT APPLICATION**

**MEASURE**

Pour equal amounts of resin (Part A) and activator (Part B) into separate mixing cups, buckets or containers.

**IMPORTANT:** Mix must be equal parts base to activator (1/1 ratio) by volume. Use a calibrated container to ensure equal volumes.



# VARATHANE®

## BAR & TABLE FINISH

### PRODUCT APPLICATION (cont.)

#### COMBINE & MIX

Carefully pour the measured resin (Part A) into the container with measured activator (Part B). **Mix thoroughly and gently with a stir stick for a minimum of 3 minutes** (no more than 5 minutes). Gentle mixing will minimize air bubbles in the mixture and resulting finish. Be sure to scrape the sides and bottom of the container when mixing.

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

#### TRANSFER & MIX

Pour the Mixed Resin and Activator into a clean container. Be sure to mix thoroughly with a stir stick for an additional 3 minutes. Try to limit air bubbles from entering the mixture. (Do not use a power driven mixing device).

#### POUR & SPREAD

Bar & Table Finish will begin to cure as soon as it is mixed; therefore it is best to pour immediately after mixing. The working time is 20 to 25 minutes at 21°C before the product begins to harden and becomes unworkable. If temperatures are above 21°C the working time will be shorter. Pour the mixture into center of work area then spread 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 material once it starts to set up. Otherwise it will not self-level during the curing process.

Recommended thickness for Bar & Table Finish is around 1/16 of an inch, (thickness of a penny). A quart kit will cover approximately 6.2 square feet.

Allow the sealer to cure for at least 4-5 hours in a dust free area before additional layers of Bar & Table Finish are applied.

### PRODUCT APPLICATION (cont.)

#### SURFACE AIR BUBBLES

Most air bubbles created during the mixing process should naturally rise to the surface and disappear once the mixture is poured. While spreading, blow lightly on the mixture. This will help bubbles rise to the surface and disappear. Work quickly. Once the surface begins to dry, any remaining bubbles will be trapped in the finish and become surface dimples once fully cured.

Surface bubbles **MUST** be removed when the surface is still wet. Once the surface begins the curing process 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 4-6 inches away from the coating and use a gentle sweeping motion across the surface until the bubbles are gone. This process can be repeated as long as the coating is liquid. The hair dryer should never be held in one place too long as this can damage the surface of the coating.


#### TABLE TOPS & OTHER LARGE ITEMS

It is not recommended to more than one kit at a time. Large surface applications will be a multi step process. Mix, pour and spread the first section of Bar & Table Finish, then immediately start mixing the next batch. Once mixed, pour onto the next section, allowing the sections to flow together. Follow this process until the entire surface is covered. It is important that the layers be allowed to flow into each other, but not applied on top of each other while they are still wet. Pour in smaller sections, spreading the Bar & Table Finish together to achieve a more uniform thickness.

#### CLEAN UP

Bar & Table Finish must be cleaned while still in its liquid state. Acetone or alcohol will work best for tool and work area clean up. Wash hands and exposed skin thoroughly with soap and water after handling Bar & Table Finish.

Keep project free of dust and debris for a minimum of 8 hours after applying product.

	<b>TECHNICAL DATA</b>	<b>VAR-111</b>
	<b>VARATHANE® BAR &amp; TABLE FINISH</b>	

**PHYSICAL PROPERTIES**

		BAR & TABLE FINISH
<b>Resin Type</b>		Epoxy
<b>Pigment Type</b>		Carbon Black, Titanium Dioxide, Phalo Blue
<b>Weight</b>	<b>Per Gallon</b>	8.8 lbs..
	<b>Per Liter</b>	1.05 kg
<b>Solids</b>	<b>By Weight</b>	94.5%
	<b>By Volume</b>	95.2%
<b>Volatile Organic Compounds</b>		<100 g/l
<b>Mixing Ratio</b>		1:1 Base to Activator (by volume)
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		61.5 mils
<b>Wet Film to Achieve DFT (Unthinned material)</b>		64.6 mils
<b>Practical Coverage at Recommended DFT (assume 15% material loss)</b>		6.2 sq.ft./quart
<b>Pot Life @ 21°C and 50% Relative Humidity</b>		20-25 minutes
<b>Dry Times at 21-27°C and 50% Relative Humidity</b>	<b>Touch</b>	4-5 hours
	<b>Full Cure</b>	72 hours
<b>Shelf Life</b>		2 years
<b>Flash Point</b>		Base Component >93°C – Activator Component 83°C
<b>Safety Information</b>		For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.