SUPERCLEAR
Super Epoxy Resin Systems

Superclear® WB Primer & Sealer

2:1 PRIMING AND SEALING SYSTEM

RESIN & CURING AGENT INSTRUCTIONS

READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT

WB Primer & Sealer is a premium water activated priming and sealing system. Compatible with most substrates, this product offers the perfect preparation and seal for surfaces before applying epoxy.

SUGGESTED MATERIALS NEEDED

- Drill mixer
- Mix and measure buckets
- Tyvek tape
- Superclean or Isopropyl Alcohol (90% or Higher)
- Foam roller or paintbrush
- Disposable Gloves
- Safety protection
- Water

INFORMATION TO KEEP IN MIND

Inaccurate measuring or improper mixing are the most common causes of poor results. This product MUST be used in a 2:1 ratio by volume and thoroughly mixed. For best results, mix resin and hardener in one bucket and transfer to a clean bucket and mix again. Working temperatures are between 70-84°F.

DIRECTIONS

STEP 1:
Using the Coverage Chart, determine the amount of primer and sealer you will need for your project. Make sure to lightly sand your countertop surface first to assist with primer bonding. Once sanded, wipe with Isopropyl Alcohol (90% or higher), or our Superclean Product and a clean towel. Apply tape to any areas that will not require a primed or sealed surface.

STEP 2:
The ideal working temperature is generally between 70°F and 84°F, but best results can be obtained at 70-74°F in a clean, dry, dust-free environment. Avoid working in high humidity. Make sure your surface is completely level and clean to ensure proper priming and sealing.

STEP 3:
Shake the A side and B side jugs vigorously to agitate the product. Measure 2 parts Resin to 1 part Activator and pour into a clean, dry bucket or cup. Add 20-30% distilled water to the mixture. Use closer to 20% water for a thicker mixture with less working time, and closer to 30% for a thinner mixture with a longer working time. Do not add more than the recommended amount of water. Stir the mixture for at least 5 minutes with a drill mixer set to low. Ensure you are not whipping air into the mixture. Be sure to scrape the sides and bottom to ensure the product is properly mixed.

STEP 4:
Transfer contents to a new, clean, dry bucket or cup and continue mixing for 5 more minutes to ensure proper mixing, again scraping sides and bottom.

STEP 5:
Once the primer and sealer is fully mixed, apply a thin, even coating to your surface with a foam roller or paintbrush. If the product is applied too thick, the material will skim over and form water blisters. These blisters can be broken up with a roller.

STEP 6:
Allow the material to become hard and tacky to the touch before applying Superclear Countertop Epoxy. If the primer and sealer fully dries, apply another layer, wait for it to become hard and tacky, and then pour the epoxy.

PRO TIPS

- If you're new to epoxy, try mixing and pouring in smaller batches until you're comfortable to move onto bigger pours.
- Imprecise mixing and measuring are the most common reason for poor results. After mixing, when pouring, do not scrape the sides. This can include unmixed epoxy into your project that can have negative effects.
- Apply multiple coats of primer and sealer to create a completely sealed and level surface. A surface that is not completely sealed or level will cause visible imperfections in epoxy later on.
- Do not attempt to use a fan to dry the primer and sealer coat. Air movement can cause the product to cure with ripples on the surface.

COVERAGE CHART

Measured in Inches and Square Feet

Laminate Thickness	1 Quart*	0.75 Gallons*	1 Gallons*	1.5 Gallons*
1/8"	3 sq. ft.	9 sq. ft.	12 sq. ft.	18 sq.ft
1/16"	6 sq. ft.	18 sq. ft.	24 sq. ft.	36 sq. ft.
1/32"	12 sq. ft.	36 sq. ft.	48 sq. ft.	72 sq. ft.

**total volume of product including added water*

FAQ's

HOW LONG DOES IT TAKE TO CURE?
The product will feel well cured in 1 to 8 hours in ideal conditions, dependent upon the amount of water added, surface preparation, surface porosity, temperature, humidity, mass and airflow.

HOW LONG DO I HAVE TO MIX IT?
You need to stir it with by hand for a minimum of 5 to 10 minutes, scraping the sides and bottom thoroughly throughout while mixing. When pouring, we do not recommend scraping the sides. Doing so can risk mixing in unmixed, unincorporated product into your pour, thus creating curing issues.

CAN I ADD ANOTHER LAYER TO THE SURFACE?
Yes! Simply wait until the pour is at least tacky and nearly hard to pour your next layer. Depending on the amount of water added, this may take about 1-4 hours. If the primer and sealer has fully dried, you will need to apply another coat and allow it to become hard and tacky so that the epoxy can adhere to the primer and sealer.

CAN I USE THIS ON TOP OF AN OIL BASED STAIN?
No, this primer and sealer will not adhere to oil based stains.

DO YOU NEED TO APPLY A SEAL COAT?
WB Primer & Sealer will act as a seal coat to prevent air bubbles and residual moisture from the substrate getting into your epoxy pour later on. Sometimes multiple coatings are needed to ensure a good seal.

IT'S COLD AND THE PRODUCT IS REALLY THICK, WHAT DO I DO?
Under 65 degrees, the primer and sealer may start to thicken up. You may even see some crystallization. Don't worry, the product is perfectly fine! Before mixing, bring a pot of water up to a steady 130F, and then put each bottle in there until they come up to temp between 75-80F per bottle. Do not mix first and then bring up to temp. Once the primer and sealer is up to temp, you can now begin the mixing process.

CAN I APPLY IT OVER WOOD, CONCRETE AND FORMICA?
Absolutely! With any surface, you want to ensure the surface is clean and dry before applying. Use WB Primer & Sealer to prime and seal your substrate prior to applying epoxy. When necessary, fill in any cracks or divots to create a smooth, even surface.

HOW THICK CAN I POUR IT?
The thickness of your prime and seal coat will depend on a variety of factors, including the amount of water added, surface preparation, surface porosity, temperature, humidity, mass and airflow. Larger volumes, warmer temperatures, and more water will generally require a thinner seal coat, while smaller volumes, cooler temperatures, and less water will generally require a thicker coat. If you have never poured a thick layer, we suggest you try it on a smaller scale to understand how it will cure in you particular environment.

WHAT IS THE WORKING TIME FOR THIS PRODUCT?

WB Primer & Sealer will can fully cure in as little as 1 hour and as much as 8 hours, depending on a multitude of environmental factors. Expect a shorter working time for larger volumes, higher temperatures, and less water added.

CAN I ALWAYS POUR IN TEMPERATURES BETWEEN 70°-84°F?

Ideal working temperatures are generally 70°F to 84°F, but the exact temperature for your application is dependent on the total volume and depth of the project. The greater the volume or thickness of the pour, the lower your temperatures should be. Always pour in a temperature controlled environment.

SHOULD I ALLOW THE EPOXY TO REST BEFORE POURING?

Because epoxy is a mass dependent product, it will heat up much faster while in larger volumes. Immediately after mixing, pour the epoxy onto your application. Failure to do so may result in flash curing or produce excessive bubbles.

WEATHER WARNING

It is extremely important to ensure your epoxy, and your project, stay within the recommended temperature ranges for your application during the curing process.

WARM WEATHER

Overheating will result in much quicker cure times, severe cracking, extreme shrinking, or unusual amounts of bubbles and clarity issues. The following tips may help to better deal with warmer weather:

1. Never pour outside if you can help it, and especially when the temperature is above 84F.
2. Allow airflow to circulate around the project. This allows the epoxy to properly exotherm and release heat without overheating.
3. Additionally, you can use fans to further circulate cooler air within your pour space to assist with any potential overheating.

COLD WEATHER

Excessively cold temperatures will result in much slower cure times, no curing, or unusual amounts of bubbles and clarity issues due to thicker epoxy. The following tips may help to better deal with colder weather:

1. If epoxy is thick, set epoxy bottles in a hot water bath around 130F until the water and epoxy cools back down to around 75F. Remove from water bath, dry bottles and follow pouring instructions.
2. If you have trouble with ambient room temps, try using a temp controlled heat mat under your mold. Be safe, and keep it between 70F and 75F.
3. Temperatures affect cure times, so a warmer product will cure faster than a colder product. Be sure to plan accordingly.

DISCLAIMER: While this product can be used in a variety of applications, not all users or environments are the same. As such, specific directions for all individual users might not be addressed here. If there are any questions this document does not answer, pertaining to the individual customer's application, it is the customer's sole responsibility to contact us directly with any technical questions and procedures prior to the application of this product. See back of pamphlet for various means to obtain further information and or contact us directly; we offer FAQ's on our website and technical service via E-mail or phone Monday through Friday, 9am-4pm EST.

CAUTION!

- Do not expose the product to direct sunlight.
- Keep container closed to prevent contamination.
- May cause eye and skin irritation. Use this product only in a well-ventilated area with protective gloves and eye protection.
- Do not eat, drink or smoke while using this product.
- When mixed in very large masses, this product can generate excessive heat. Handle with caution.
- Dispose of containers and contents in accordance with all Federal, State and Local regulations.

SHELF LIFE
Unopened: 6 - 12 months*
Opened: 3 - 6 months*
**depending on how the product is stored.*

SUPERCLEAR
Super Epoxy Resin Systems

For more product information, please visit:

www.SuperEpoxySystems.com

Proudly MADE IN THE USA

(888) 849-0588

superclear@fgci.com
4301 A 34th St. North
St. Petersburg, FL 33714

#060123