

WiseBond[®] Deep Pour[™] Epoxy 2:1 Ratio

This product will work well with wood, glass, ceramic, stone aggregate, cement, electronic parts and most metals. Do not use over an oil-based stain.



DIRECTIONS

Use: WiseBond[®] Deep Pour[™] Epoxy is a 2:1 ratio epoxy system allowing for 1/2" up to 2"+ of depth in a single pour. Perfect for wood/epoxy tables, lathe turning, art, and object casting. Low heat, VOC free, and Low odor makes this product perfect for the professional, DIYers, artists, the everyday woodworker, or hobbyist.

Before Combining: Resin-A and Hardener-B liquid temp should be between 65°F and 77°F before mixing. Work space air temp should be no warmer than 77°F, free of dirt and dust. If the A and B are cooler than 65°F, warm the closed containers in hot tap water. If crystals are present in A or B, place the closed containers in 120°F tap water until crystals dissolve. Let containers cool. ONLY use A and B when liquid temp 77°F or under to prevent premature curing.

Mixing: Use a clear mixing bucket with exact mix ratios printed on the side! Mix 2 parts Resin-A to 1 part Hardener-B and mix thoroughly for 6 to 8 minutes with a paint stick or paddle mixer attached to a drill until swirls and tails disappear. Add colorants when epoxy is completely mixed. Pour mixed epoxy into a second clean mixing container and mix for 1 minute. This ensures no unmixed A or B contaminates the final pour. If more than 1 kit is needed, measure and mix multiple 2:1 batches; combine and mix each batch together to create a homogeneous blend before final pour.

CAUTION: Mix slowly to not introduce air into the mixture, as it can cause bubbles. Pre-seal wood, live-edges, and substrates with WiseBond[®] Quick Set Seal Epoxy (let cure) to prevent air bubbles and foaming prior to your deep pour.

Pot-Life: Product in a mixing container may last 2-3 hours before beginning to gel. Product may heat up after 45-60 minutes.

Work Time: Prior to product beginning to gel, work time may be as long as 2-4 hours depending on air temp, pour depth, width, length and overall epoxy mass. Do not breathe in vapors.

Pouring: Slowly pour epoxy into a wood slab river, mold, or casting. Continue to pour until you have achieved the desired cast thickness (6"x6"x6" max) or up to 2" max river depth. Torch as needed after initial pour to remove surface air bubbles.

CAUTION: Pouring excessive amounts of epoxy will increase the risks of curing and drying defects. If more than 2" of river depth is needed, allow the product to cure for 18-24 hours (hard tack) before pouring additional layers. Large deep pours should utilize unusually cool work areas below 75°F with fans to move air above, around, and under the river table frame or epoxy project receptacle. Pours less than 1/2" will have 2X an extended cure time.

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Layering: If layering epoxy, where more than 24 hours has elapsed between pours, scuff with 220 grit sandpaper between each layer pour to ensure adhesion.

Cure Time: Hard cure will take 72 hours depending on air temp, pour depth, width, length and overall epoxy mass. Sanding and shaping can be done after this time. Wait 7 days for light use. Product will continue to harden up to 30 days for a full hard cure.

Clean Up: Uncured epoxy can be cleaned up with acetone. Cured epoxy can only be removed by abrasives.

Shelf Life: Unopened product is best used within 1 year. Store in shipping box and out of direct sunlight to prevent yellowing.

Food Safe: FDA Food Safe Compliant (CFR 175.300 - Code of Federal Regulations Title 21). WiseBond[®] DEEP Pour[™] Epoxy is VOC-Free. We do not have FDA approval certifying direct, long-term contact with food, however once epoxy is fully cured for 30 days, it is an inert plastic and should be fine for incidental exposure to food. It is not antimicrobial. Epoxy is not safe to ingest (liquid or cured). Do not cut on or prepare raw food on epoxy surfaces.

Warranty: The warranty of this product shall be limited to the replacement of defective unused material, within one (1) year of purchase. This material is for professional use, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith but should be verified by the end user, as to the suitability of the material for their application.

Types of Personal Protective Equipment

PPE can be considered in the following categories, based on the type of protection afforded by the equipment:

Respiratory protection - for example, disposable, cartridge, air line, half or full face

Eye protection – for example, spectacles/goggles, shields, visors

Hearing protection – for example, ear muffs and plugs

Hand protection – for example, gloves and barrier creams

Foot protection – for example, shoes/boots

Head protection – for example, helmets, caps, hoods, hats

Skin protection – for example, hats, sunburn cream, long sleeved clothes