



## **BLUE CAST ORIGINAL** FOR UNIZ SLASH+

### **PRODUCT FEATURES**

Minimal residue after burnout process (0.0035%)

Low-exhaust emission during the burnout process

Virtually no expansion of resin during burnout process

Extreme castability

Compatible with all investments (Tested with Kerr® Satincast, R&R PlastiCast, Optima Prestige, Omega Plus)

No UV post-curing necessary

Washable with 90%/99% denatured alcohol (IPA) or ethyl alcohol 90%/99%

Less irritation, free of toxic substances

Low deformation post-printing

Direct casting of models with no need for lacquer or Teflon® (PTFE) spray

Exceptional weldability with wax sprues

Exceptional hand workability (UV post-curing needed to harden big models)

High definition of details and consistency of surfaces

Suitable for all kind of jewel design, micropavè, engravings, filigree, Engagement ring, chevalier etc

Created for professional use only. Keep out of reach of children. Do not ingest or allow contact with eyes, mouth, and other membranes. Always use proper safety protection while handling any resin materials.

Although BlueCast resin contains no toxic or irritating substances, care should always be exercised when working with chemicals. For more information, please refer to the MSDS from the manufacturer.



## QUICK START GUIDE

Use a new resin tank, or one that has been thoroughly cleaned. Better to replace the standard FEP with high quality fep proper for jewelry application.

Preheat the resin to 40°C (104°F) for best results with printing details.

Before use, shake the resin container for 60 seconds. If the resin has been sitting in the tank, use the putty knife to ensure it's thoroughly mixed.

Disable pump system and auto refill from software to maintain warranty machine.

Fill the tank to the maximum fill line, or to the appropriate amount needed.

Make the printing files starting from this profile:

- Resin Tipe: zWAX
- Thickness: 0.05 mm (0.03mm)
- Exposure time: 3.5 s (2.4 s)
- Cool Down Time: auto s

## POST-PRINTING CLEANUP

Clean the prints by pouring 91%/99% denatured alcohol (IPA) or ethyl alcohol 90%/99% over the prints instead of the usual cleaning process of dipping.

Dry and clean the pieces using a can of compressed air for best results.

UV post-curing is not necessary, unless the pieces require hand-finishing.

Invest the pieces as usual and burn out.

Follow the manufacturer's burnout cycle for your chosen investment.

## IMPORTANT TIPS

Check resin tank before EVERY print. BlueCat is not liable for any damage caused to the printer by cracking or leakage of the resin tank.

For optimum results, do not crowd the build platform.

We recommend printing large rings horizontally.



DO NOT store the resin for more than 24 hours in the resin tank. BlueCast is highly hygroscopic, and will absorb moisture from the air. It is advisable to filter the resin after each print cycle and store it in its original container for optimal preservation and to prevent alteration of its characteristics.

Do not store the resin in clear containers, as it is highly light-sensitive and will damage the resin.

### **HOW TO FIX PLATFORM ADHESION ISSUE**

- check Z offset and if necessary do the calibration
- use sand paper (200 400 grain) to abrade alu plate to promote adhesion
- use corners of table instead central position
- use bigger base into 3D model
- use a drop of uv glue well massaged on plate onto printing position (Loca UV glue, Ebay) (pay attention that will be very hard to remove part from plat.
- try our special primer: Primer Cat

If you have again problem....please advise us.