

BLUE CAST X10

PRODUCT FEATURES

QUICK START GUIDE FOR FORMLABS/SLA PRINTERS

Before use, warm / shake the resin container.

Prepare files with an adequate base.

For FORMLABS2, it is suggested to use the castable V2 print profile – FORMLABS 3, it is suggested to use the gray V3 or castable wax print profile - DWS DC 400/600.

In order to improve the adhesion: built base sandpapering, resin heating, raft utilization and primer (or original resin as primer) application are recommended.

POST-PRINTING CLEANUP

Clean the prints by pouring 91%/99% denatured alcohol (IPA) or ethyl alcohol 90%/99% (approximately 1 minute).

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

1) Casting in house:

- UV cure is not necessary.
- It is advisable to realize the investment not over 12 subsequent hours after the print.

2) Casting by service:

If casting is relied on external services:

- Rescale the file model up to +2% before printing;
- Standard cleaning with alcohol and drying with compressed air (as indicated previously).

- UV cure until the model is completely white/cleared.

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.

We recommend printing large rings horizontally.

DO NOT store the resin for more than 48 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.