



How to cure 3D printed models?

After every printing session, prints need to be thoroughly cleaned via washing and post-curing. It is crucial to know how to post-cure your resin 3D prints, finalize the material properties, and strengthen your 3D prints. In this post, we will share several methods of curing your 3D prints.

DRYING THE PRINTS

Before curing, make sure the 3D print is completely dry. Simply place the washed 3D prints in a shaded area for roughly 30-60 minutes. You can also use a compressed air gun to fasten the process.

Tip:

If your 3D print is hollow, make sure to dry the inner parts of the model.

CURING THE PRINTS

Curing Lamps

The suggested curing time is 20~30 minutes. Curing with a 405nm Phrozen Curing Unit ensures that your models are cured evenly by receiving equal exposure of UV light to every part of the model.

Direct Sunlight

We suggest curing your models for at least a day. If you cure your models under direct sunlight, you will need to turn it around every few hours so that every part of the model is exposed to sunlight.

Tip:

Sunlight may not provide equal light exposure to every part of the model as it changes throughout the day. This may cause 3D prints to cure unevenly, resulting in discoloration. Fill the one basins the Phrozen Ultrasonic Cleaner with Phrozen Wash.