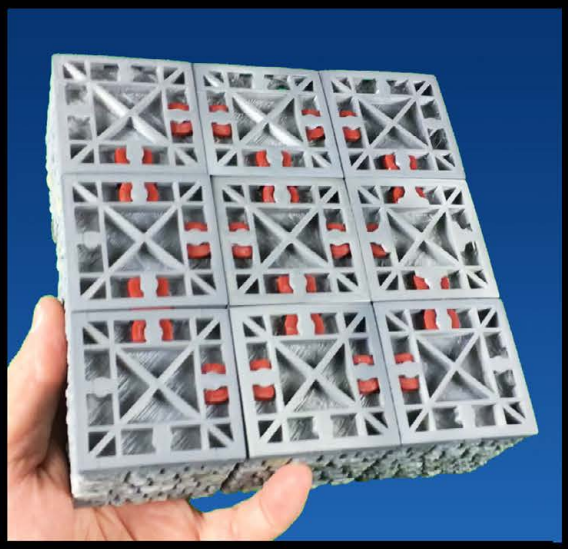
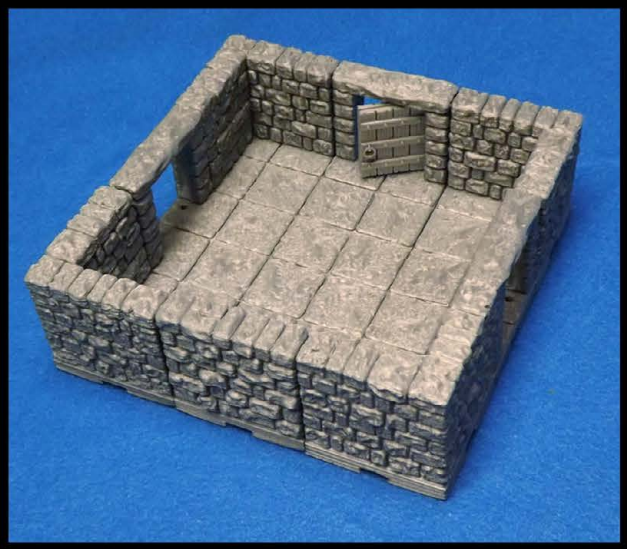
DRAGONLOCK

ULTIMATE







DRAGONBITE™
COMPATIBLE

Miniatures by www.reapermini.com

BLACKSMITH SHOP

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DRAGONLOCK

Getting Started

Welcome to the DRAGONLOCK: Ultimate™ terrain system. This instruction manual will outline some basic materials you will need for 3D printing these models, specific printing information for the models in this set, and links to additional resources.

For more information on getting started with 3D printing, help with choosing a printer, settings for many popular printers, troubleshooting, and more; please visit our 3D Printer forums:
http://fatdragongames.proboards.com/board/21/3d-printing-dragonlock-terrain

For painting tutorials on these and other models in the DRAGONLOCK: Ultimate™ product line, please visit our Youtube channel:
https://www.youtube.com/channel/UC5Lbnd97HV3rU98gcwHkIzQ

Basic Tools and Materials



For gluing models with multiple pieces together, we have found that Gorilla Glue works great (especially the 'gel' type.)



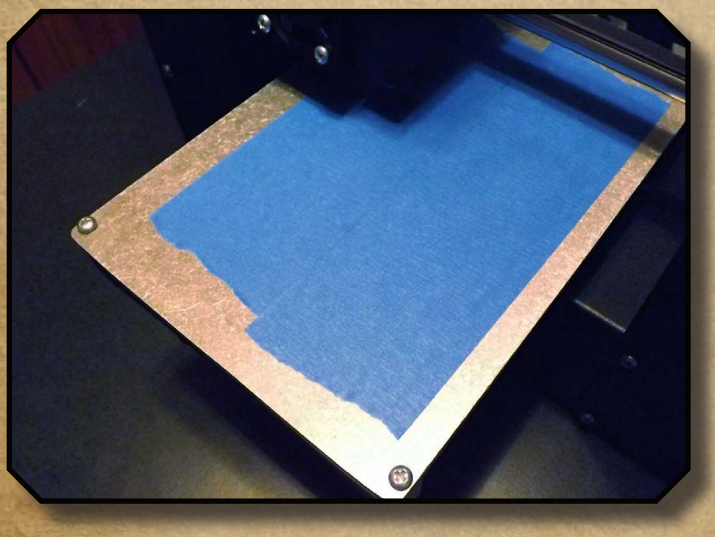
While not necessary, it helps to have a pair of small tweezers on hand. You'll find yourself using them often to pull odd strands of plastic off the model, getting small bits of plastic out of the printer, etc.



Absolutely essential is a small metal spatula to help remove models from your build plate. We've found that ones like this from art supply aisles at craft stores work great and should only cost you a few dollars.



When printing PLA on a non-heated build plate, applying blue painter tape to your build-plate works great to help the plastic adhere.



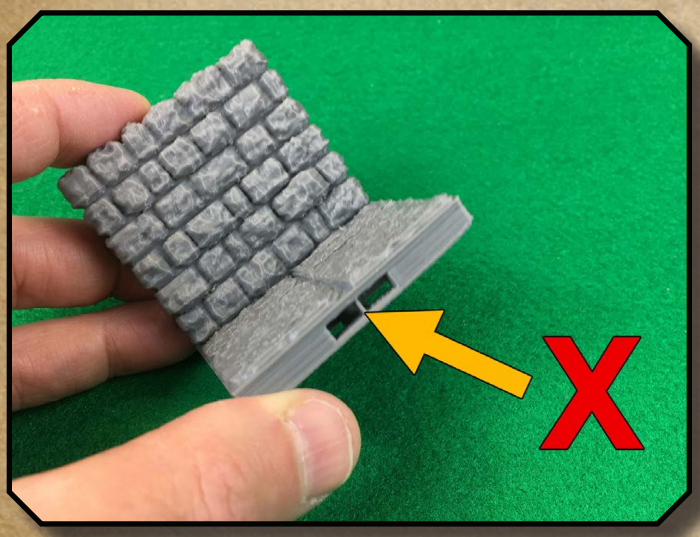
To make your print stick as well as possible, you can wipe off newly applied tape with a paper towel that has a little rubbing alcohol on it (the tape has a wax coating on the back that sometimes inhibits the plastic from properly sticking to it).

General printing tips for DRAGONLOCK: Ultimate™ models

With the wide variety of printers and filaments on the market, it isn't possible for us to list printer settings that will work with multiple machines. Please visit the Fat Dragon Games forums for printer-specific tips and information:

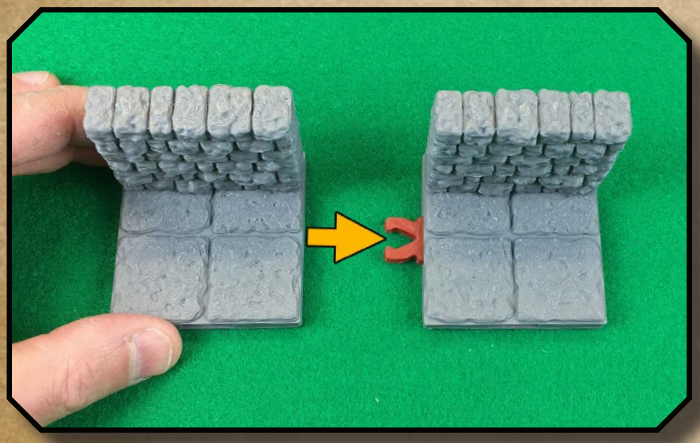
http://fatdragongames.proboards.com/board/21/3d-printing-dragonlock-terrain

Using the DRAGONBITE™ clips





Before inserting a Dragonbite™ clip, you must first remove the printing support present in each slot on all four sides of every model. We recommend using needle-nose pliers to gently twist the support out of place (always wear eye protection when using tools.) Clips should be printed with 15-20% infill (but can be printed with 0%.)





To connect DRAGONLOCK™ Ultimate models together, simply insert a Dragonbite™ clip into the slot of one model, then slide the adjoining model into the opposite side. In addition to the standard v2.0 clip, there is an optional looser clip included. Unused slots can be covered with Dragonlock™ edge pieces.

DRAGONLOCK

'DUNGEON STARTER SET' Model List

Roof



Building



Bench A & B



Beam

Anvil



Bellows



Bucket



Barrell



Stump



Printing info:

Filament:

•We recommend using PLA (we use Hatchbox and eSun PLA+ in the FDG office)

Layer Height:

•Building, Roof & Beam: 150 micron/.15mm recommended (200 micron/.2mm works great as well)
•All small items: 100 micron/.1mm recommended

Top/Bottom layers:

•6 layers or .9mm

Infill:

•5%

Rafts:

•None

Brim:

•None

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