

Laser Cutter Suppliers & Material Guidelines

Allowable Materials you can use with AutoCAD

The materials listed below represent materials we have tested, have appropriate settings for and therefore can be cut with the laser cutters. We will be updating this list occasionally by adding materials and so on, so check back. If you have a material that does not fit into these categories and you think it should be able to be cut, or you can think of a material we have missed bring it to our attention, and when time allows, we will investigate.

Cork - 1/8"
Corrugated Cardboard – 1/8"
Mat Board – 1/20"
Paper – 1/128"
Wood – 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
Strathmore – 1/16"
TaskBoard – 1/16"
Acrylic – 3/16", 3/8", 1/4"

There will be absolutely NO use of;

MDF
Masonite
Acetate
Foamcore

Suppliers

Here is a list of suppliers in town that might be helpful in locating some materials. The suppliers below are not endorsed by the architecture department and can not offer any guarantee on anything that you purchase from these locations. Buy at your own risk. We would suggest buying at a location with a decent return policy so you can return any material you do not use, if you find some that are not here please let us know!

Michaels – <http://www.michaels.com/>

2109 N Prospect Ave

Champaign, IL 61822

Phone: (217) 378-8716

Hours: M – Sa: 9am 9pm

Su: 10am – 7pm

Sells: Corrugated Cardboard – 1/8"

Mat Board – 1/16"

Paper – 1/128"

Wood – 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"

Description: Generic hobby store. Great for materials that can be cut with the laser cutter.

Hobby lobby – <http://www.hobbylobby.com/>

2002 Glenn Park Dr

Champaign, IL 61821

Phone: (217) 355-2924

Hours: M – Sa: 9am – 8pm

Su: Closed

Sells: Corrugated Cardboard – 1/8"

Mat Board – 1/16"

Paper – 1/128"

Wood – 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"

Description: Generic hobby store. Great for materials that can be cut with the laser cutter.

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Illini Plastics - <http://www.illiniplastics.com/>

201 S 1st St

Champaign, IL , 61820-4119

Phone: (217)-352-4300

Hours: M – F: 8am – 5pm

Sells: Sheets (\$ x 4' x 8') and scraps (\$ by the pound).

Cast Acrylic – 1/8", 3/16", 1/4", 3/8", 1/2", 3/4"

Extrude Acrylic – 1/16", 3/32", 1/8", 3/16", 1/4" 1/2"

Description: Illini Plastics sells sheets and scraps. This material is

Home Depot - <http://www.homedepot.com/>

820 Bloomington Rd

Champaign, IL 61820

Phone: (217)356-2629

Hours: M – Sa: 6am – 10pm

Su: 8am – 8pm

Sells: Plywoods (birch veneers) 1/4"

Description: Pretty standard store. You know what goes on here. As far as materials goes, I was either not impressed or unable to find lots materials that would be applicable to our laser cutters.

Lowe's - <http://www.lowes.com>

1904 NORTH PROSPECT AVENUE

CHAMPAIGN, IL 61820

Phone: (217) 373-7300

Fax: (217) 398-0963

Hours: M – Sa: 6am – 10pm

Su – 8am – 8pm

Sells: Plywoods (birch veneers) 1/4"

Description: Pretty standard store. You know what goes on here. As far as materials goes, I was either not impressed or unable to find lots materials that would be applicable to our laser cutters.

The stores below are also good sources, go and discover them!

Art Coop – <http://www.theartcoop.com/>

410 E Green Street

Champaign, IL 61820

Phone: (217) 352-4562

Fax: (217) 352-1805

Hours: Mon – Thurs: 9am – 9pm

Fri & Sat: 10am – 6pm

Sun: 12pm – 6pm; When school is not in session: Mon – Sat: 10am – 6pm

Illini Union Bookstore – <http://www.uofibookstore.uiuc.edu/>

809 S. Wright Street

Champaign, IL 61820

Phone: (217) 333-2050

Hours: M - Thurs 9am – 8pm

F: 9am – 6pm

Sa: 10am – 5pm

Su: 12pm – 5pm

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Do It Best – <http://doitbest.com/DoltBest/Main.aspx>

107 West Springfield

Champaign, IL 61820

Phone: (217)-356-6454

Hours: M – F: 7am – 6pm

Sa: 8am – 5pm

Su: 11am - 4pm

ECE Storeroom - <http://www.ece.uiuc.edu/ecestores/>

60 Everitt Laboratory

1406 W. Green Street

MC-207

Urbana, IL 61801

Phone: (217) 333-1916

Fax: (217) 333-9466

Hours: M – F 8am – 12pm, 1pm – 4:30pm