

LASER CUTTER GUIDELINES 2022

1. Laser cutting is a supervised activity. Students will need to book time slots with Technician. The amount of time allocated for laser cutting depends on the complexity of design and type of materials to be used:
Dan Butler: daniel.butler@uwtsd.ac.uk based on 7th Floor or Ceramics block.
2. Maximum sheet size is A1.
3. Materials used **must be totally flat or as flat as possible**.
4. Students will need to create the artwork in Illustrator. All **paths must be closed** and any stray points / paths or unwanted artwork etc removed.
5. Effects such as etching are handled within the software, images can be imported / reproduced (in grey scale only) and engraved / etched is possible but can be a lengthy process.
7. Materials that we can use: card, mountboard, 5-8mm plywood, acrylic perspex 3-5mm, some plastics work but would need to discuss prior to running the job. Other materials may also be possible, such as slate, glass, leather and denim. Materials that are not suitable: foam board, mirrors / shiny surfaces.
8. Different materials have different cutting properties so it's generally a good idea to run a few tests on sample material to get it right. Discuss materials with Dan.

Other useful contact: glenn.sherwood@uwtsd.ac.uk based on 3rd Floor, Print Room

LASER CUTTER MATERIALS STOCKISTS

General Materials such as untreated birch plywood, hardwoods etc can be purchased locally from:

Swansea Timber & Ply, Sandfields
<http://www.swanseatimber.co.uk/>

HobbyCraft, Fforestfach
<http://www.hobbycraft.co.uk/swansea>

B&Q

http://www.diy.com/departments/bq-untreated-plywood-w244m-l122m-t6mm/152947_BQ.prd

Wickes, Cwmbwrla

<http://www.wickes.co.uk/store/8323>

Acrylic perspex and specialist materials can be purchased online:

<http://www.hindleys.com/index.php/>

<http://plasticonline.co.uk/>

<http://tilgear.info>