



Cut It Out:

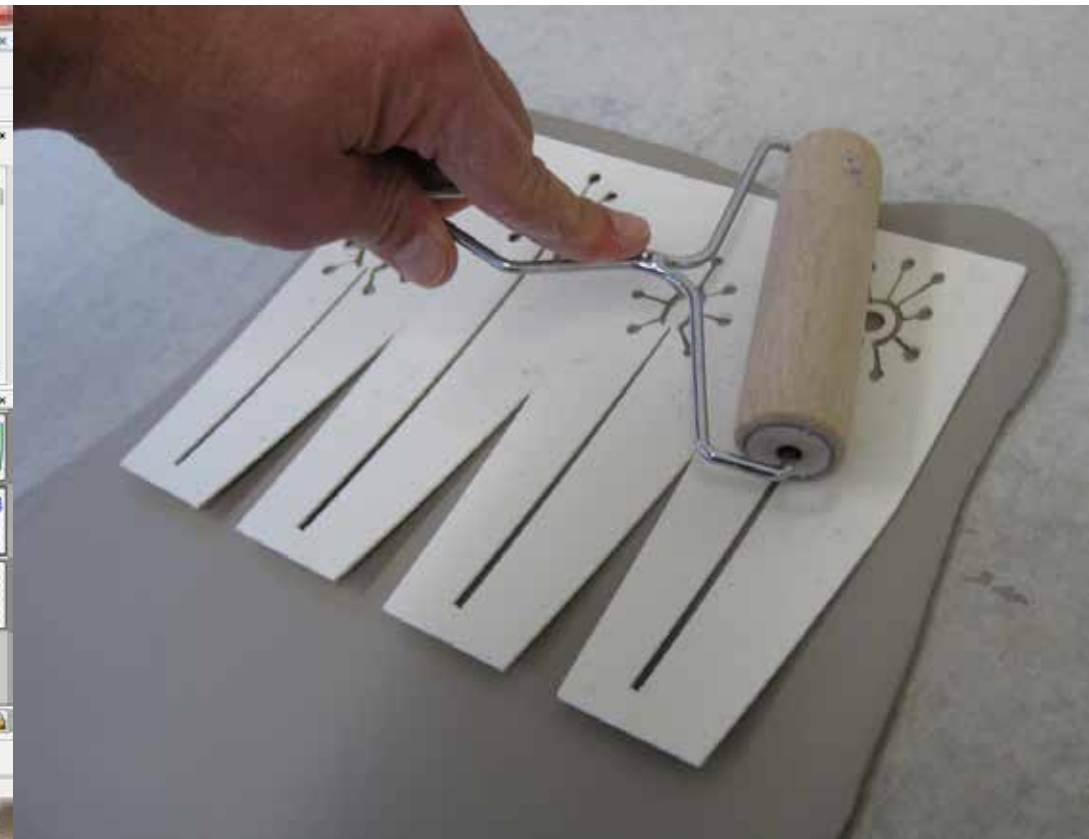
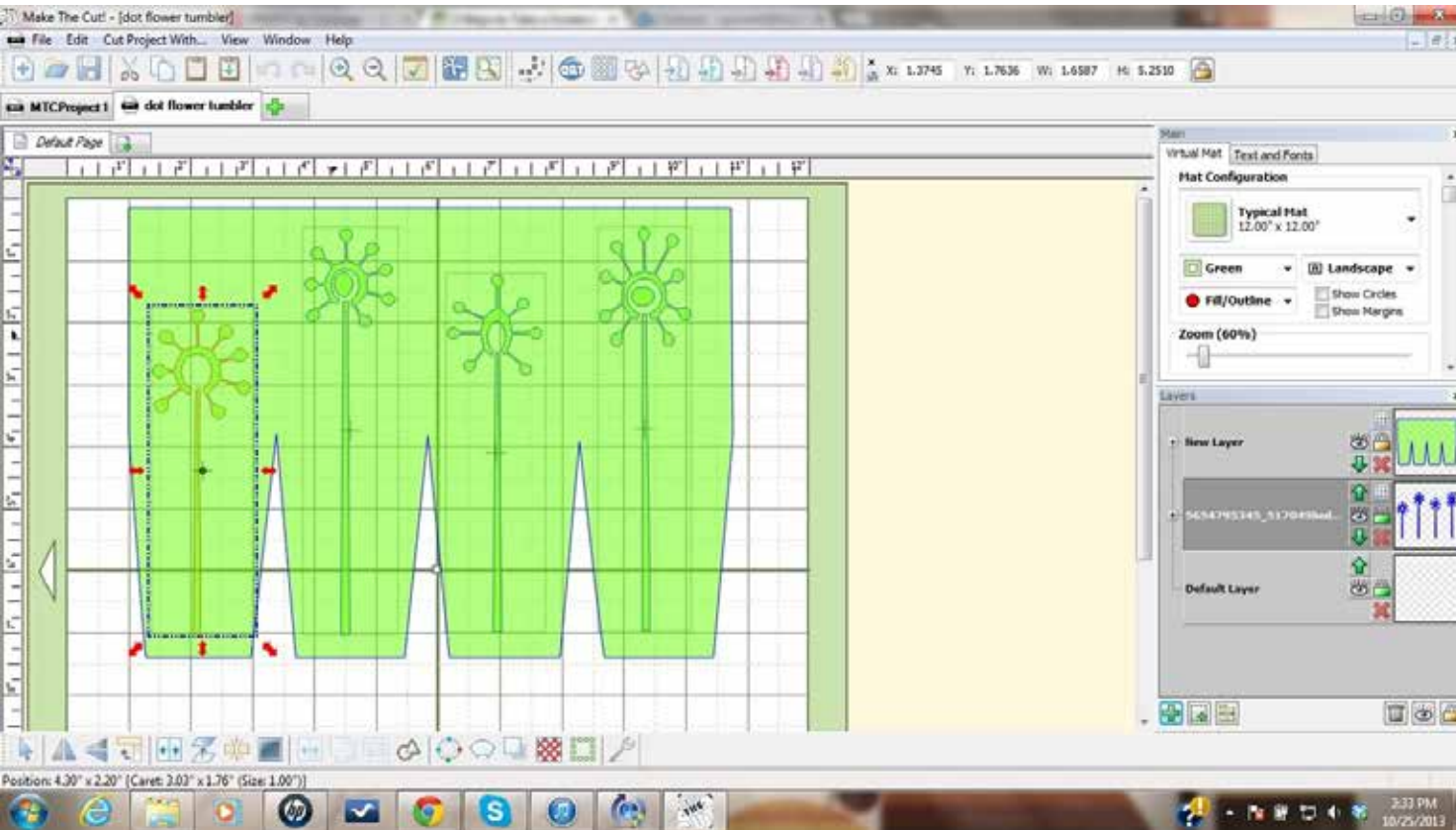
Practical Uses for Laser, Vinyl, and Die Cutting



Kip O'Krongly
Paper resist used with slip application



Naomi Clement
Laser cut paper resist with underglaze and slip application

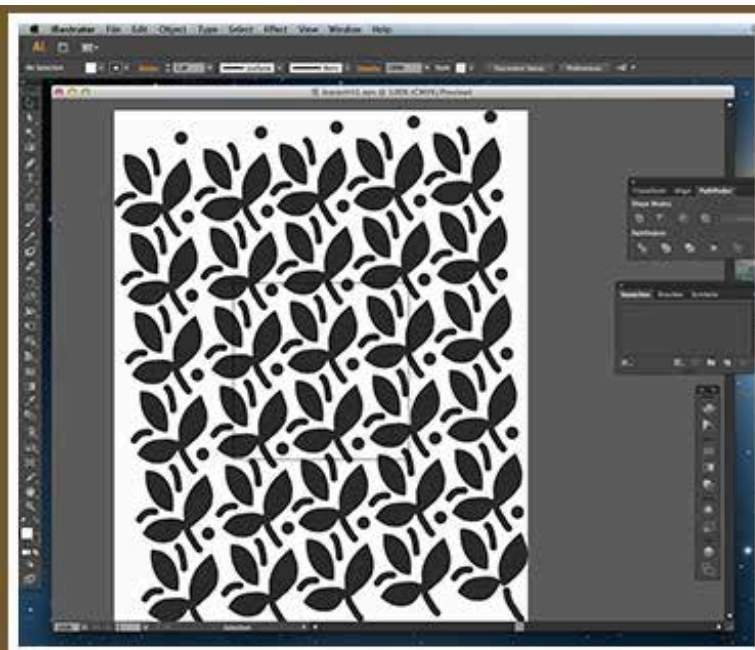


Chris Pickett uses die cut 300lb watercolor paper to press texture into clay slabs that are then made into functional ceramic vessels.

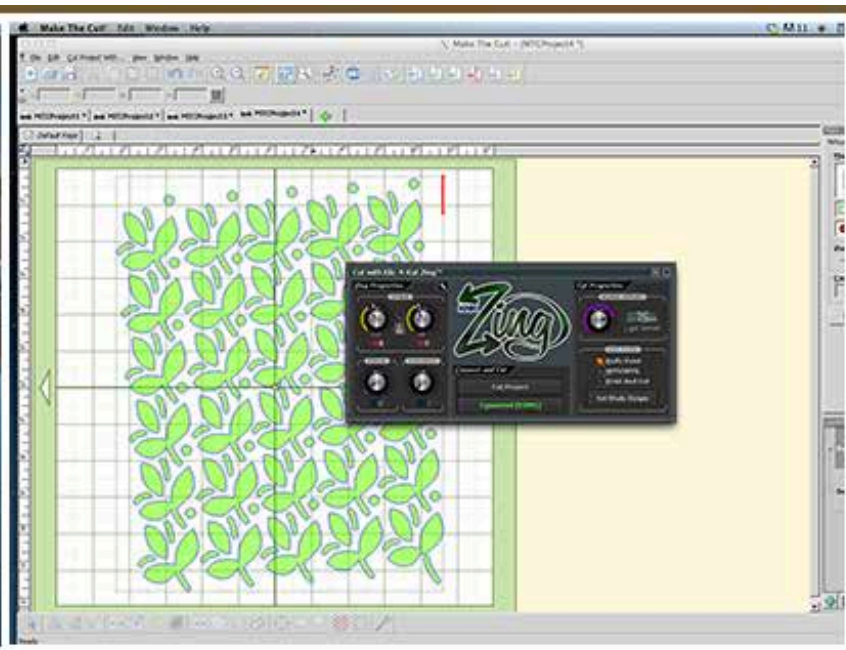


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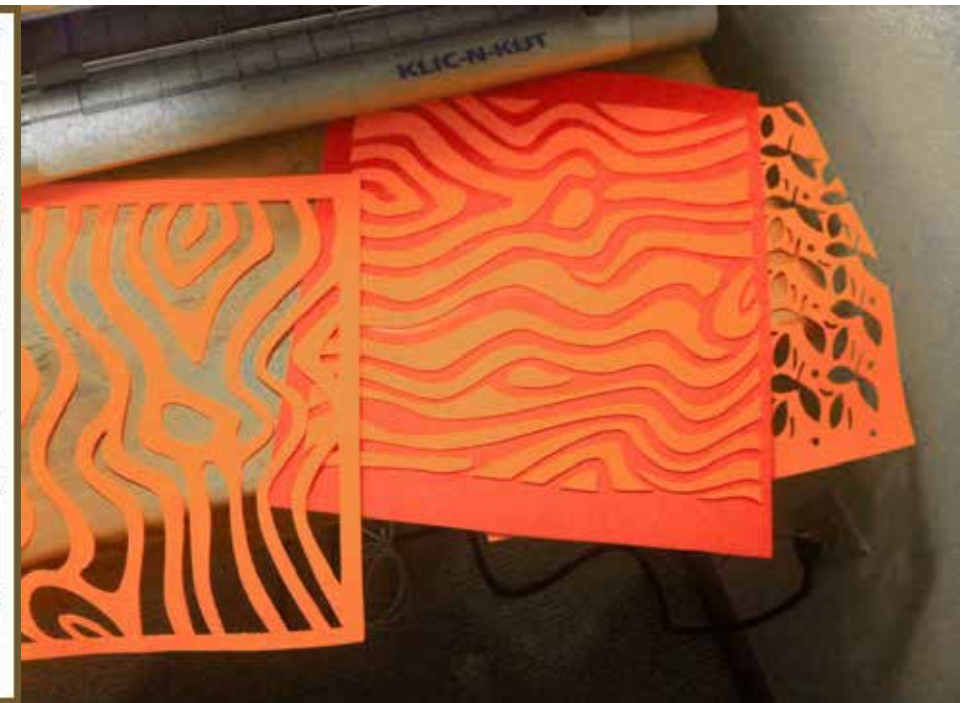




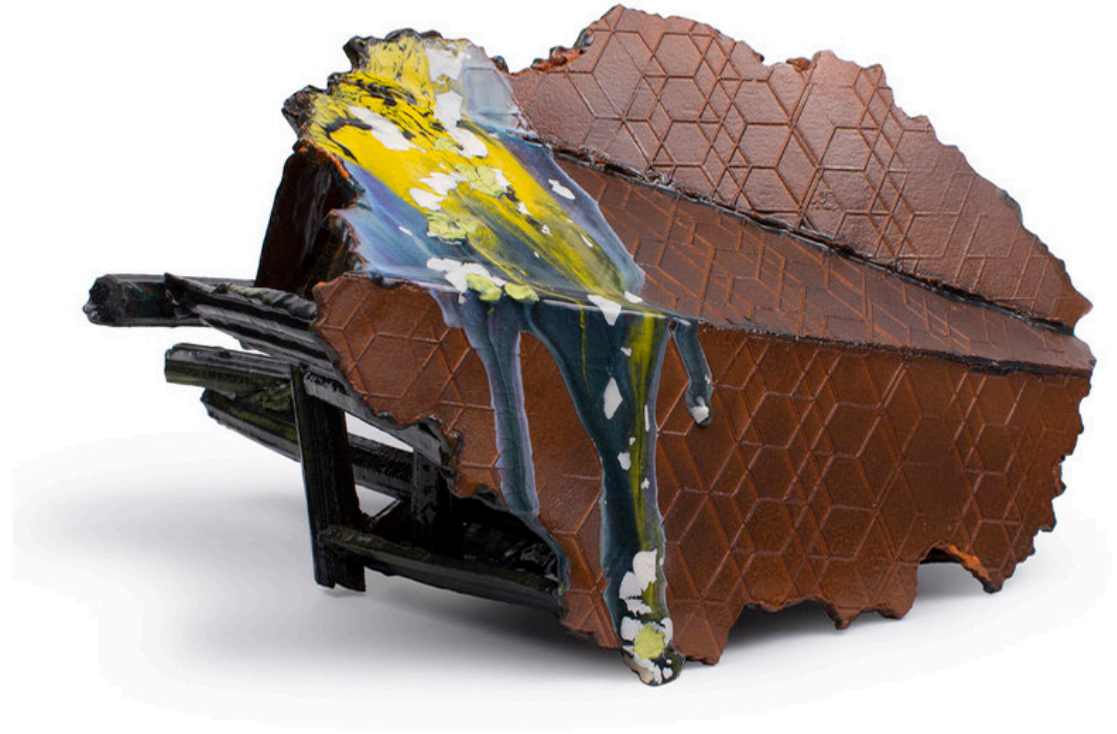
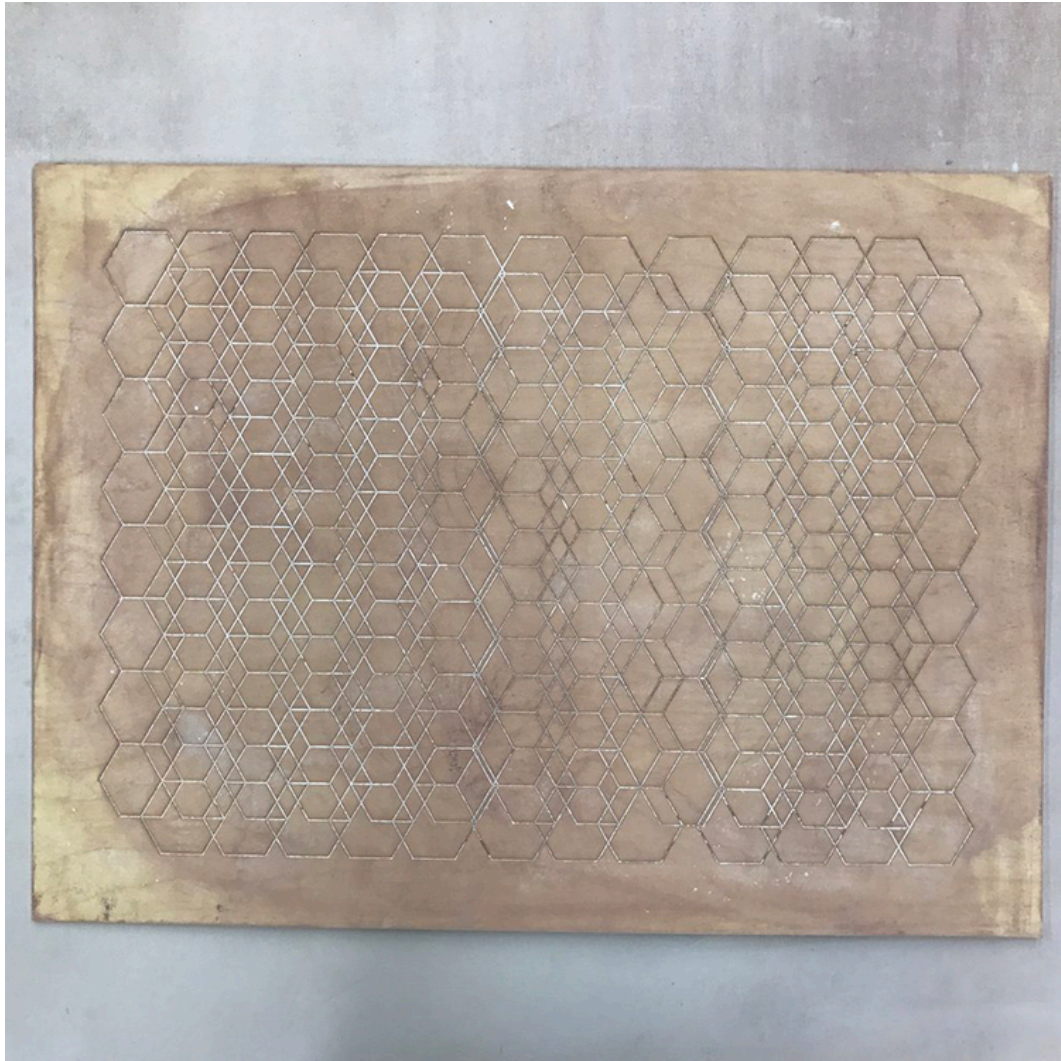
Pic. 1



Pic. 2



Nancy Gallagher uses the Klick n Kut to cut craft foam texture plates to press texture into clay slabs



Sculptor Matt Ziemke uses laser etched press molds to create patterns on clay slabs. The low relief textured slabs are then integrated into his sculptural work.



Matt Ziemke, Landmass 6
Glazed Ceramic, 12" x 19" x 18", 2017





Michelle Swafford creates texture press molds by etching into wood using a laser cutter.



Adam Chau
Laser cut molds used to create shallow trays



Adam Chau
Laser cut molds used to create shallow trays



Vinyl Resist for glaze application and sandblasting

Left: Andrew Gilliatt

Right: David Bolton



Mandy Shroger of Foxtail Pottery
Vinyl Resist for glaze application, the use of a dark clay body left bare.



HP Bloomer
Vinyl Resist for glaze application



HP Bloomer
Vinyl Resist for glaze application

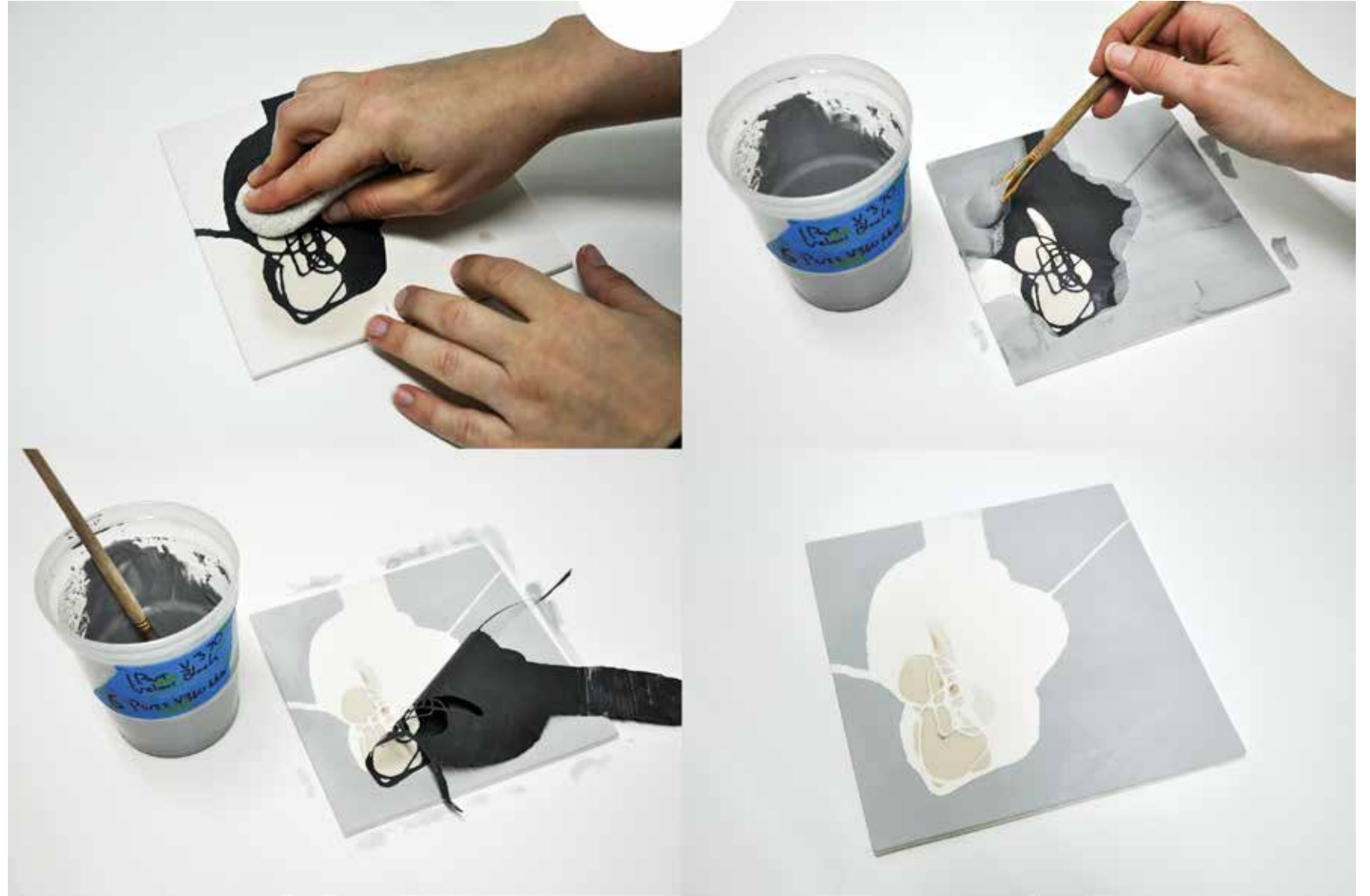


Mike Gesiakowski

Here you can see a bit of the workflow for using vinyl resist. Sketchbook drawings are scanned and prepared on the computer and then cut in vinyl.

Underglaze Application:

1. Vinyl can be cut by hand or using a digital cutter. A cut vinyl resist is applied to the bone-dry porcelain tile. The interior details are then hydro abraded (water etched).
2. Underglaze is applied to the outside of the vinyl resist.
3. The vinyl resist is removed.
4. The vinyl allows the tile to be etched and a crisp underglaze line applied.





Shalya Marsh, *Iteration Study 118*,
6 in. (15.25 cm) in height, handbuilt
porcelain, hydro abraded (water
etched) with vinyl resist and
underglaze, fired to cone 6 in an
electric kiln, 2017



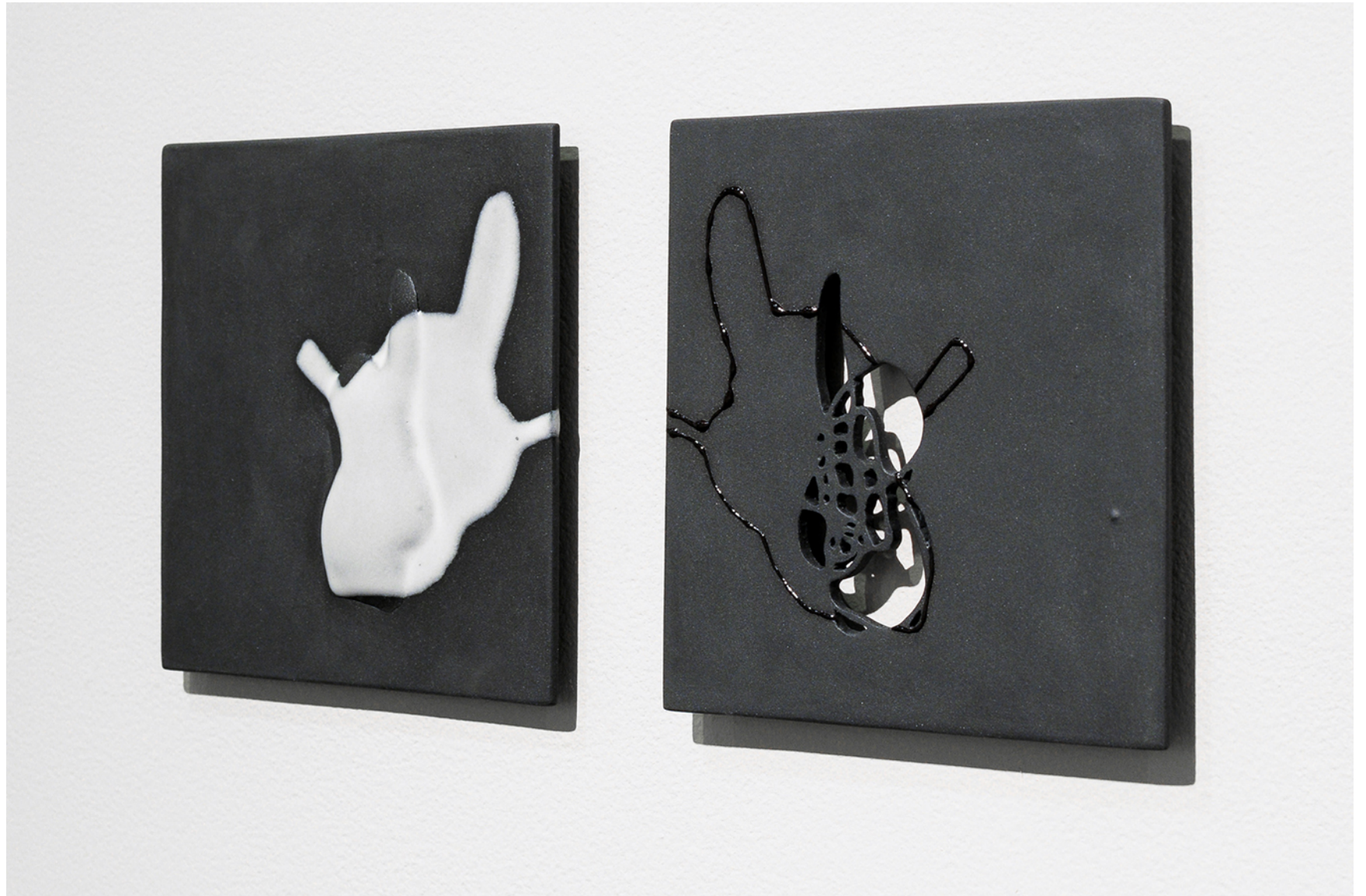


Glaze Application:

1. Vinyl can be cut by hand or using a digital cutter. This vinyl resist will be applied to the bisque tile. 2. The vinyl is masked with a low tack tape and applied to the tile as a resist. 3. The masking is removed and the tile is ready to glaze. 4. Glaze is applied to the exposed clay. 5. The vinyl is removed immediately after the glaze is applied. 6. The tile is then fired to cone 6 in an electric kiln. Vinyl resist can be used on bone dry or bisqued clay for hydro abrasion (water etching), underglaze or glaze application.

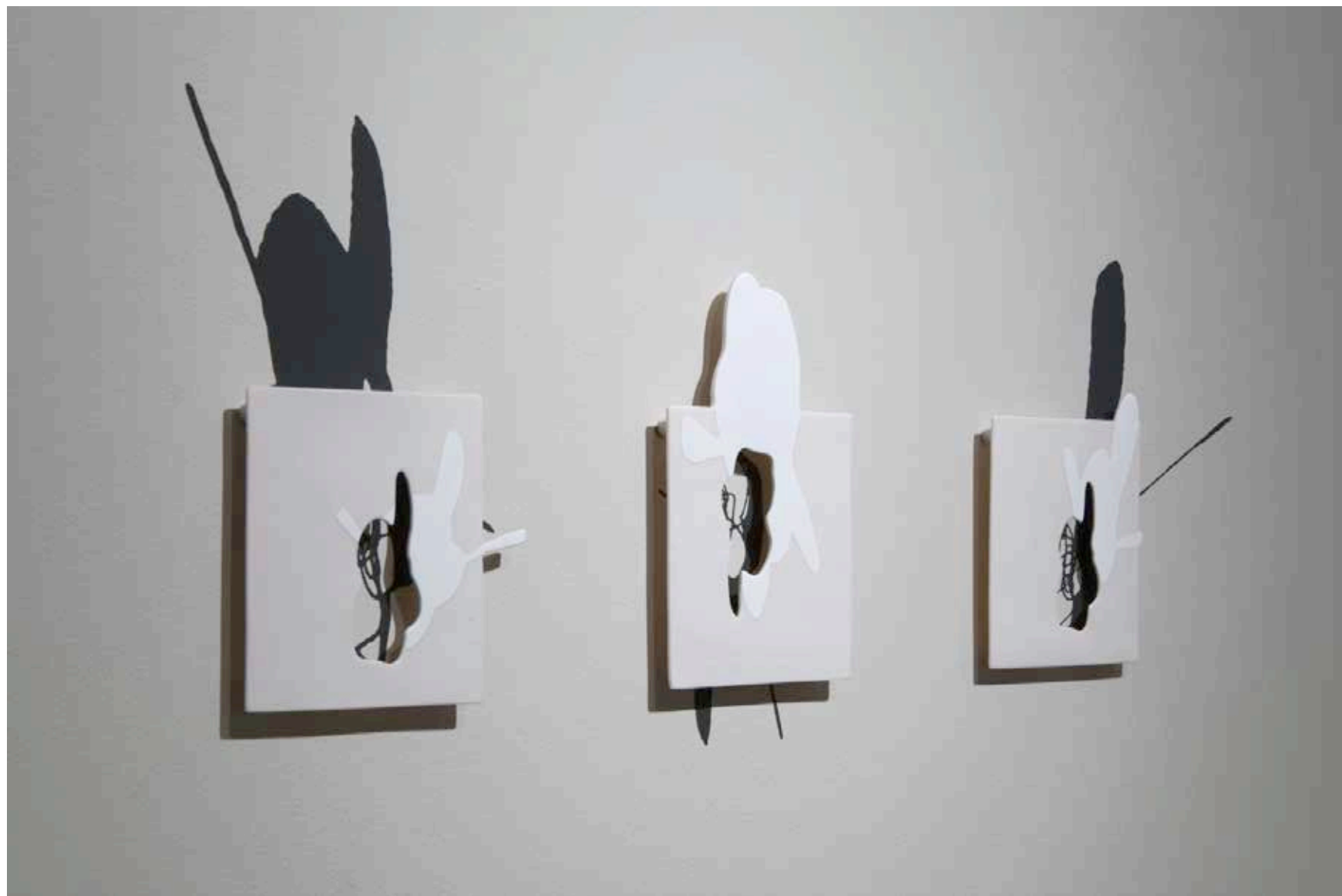


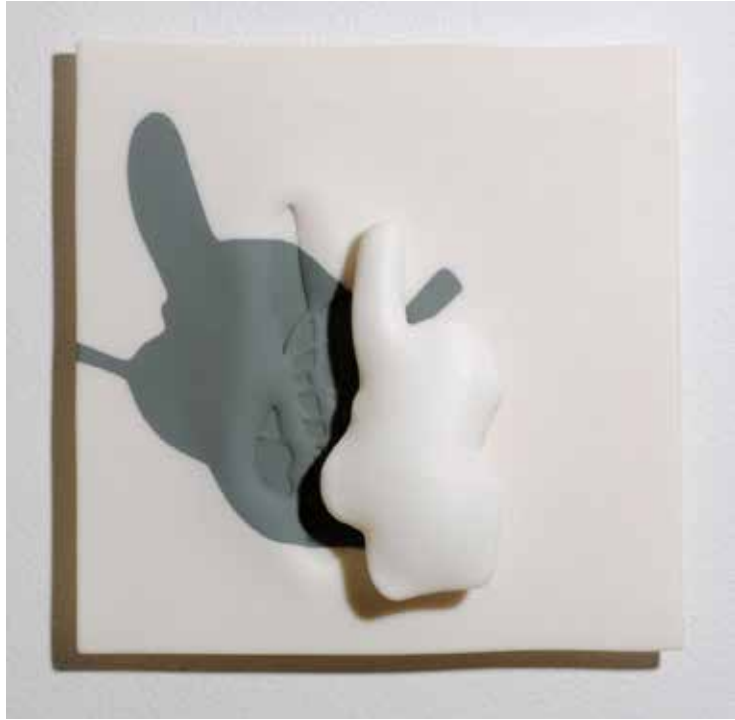
Shalya Marsh, *This and That*, 14in X 6in X ½in, handbuilt porcelain, hydro abraded (water etched) with vinyl resist and underglaze, fired to cone 6 in an electric kiln, 2016





Shalya Marsh, *Between
The Surface and the Light*
30in X 12in X ½in,
handbuilt porcelain and
vinyl, with vinyl resist and
underglaze, fired to cone
6 in an electric kiln, 2016





Now for the Demonstration!

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