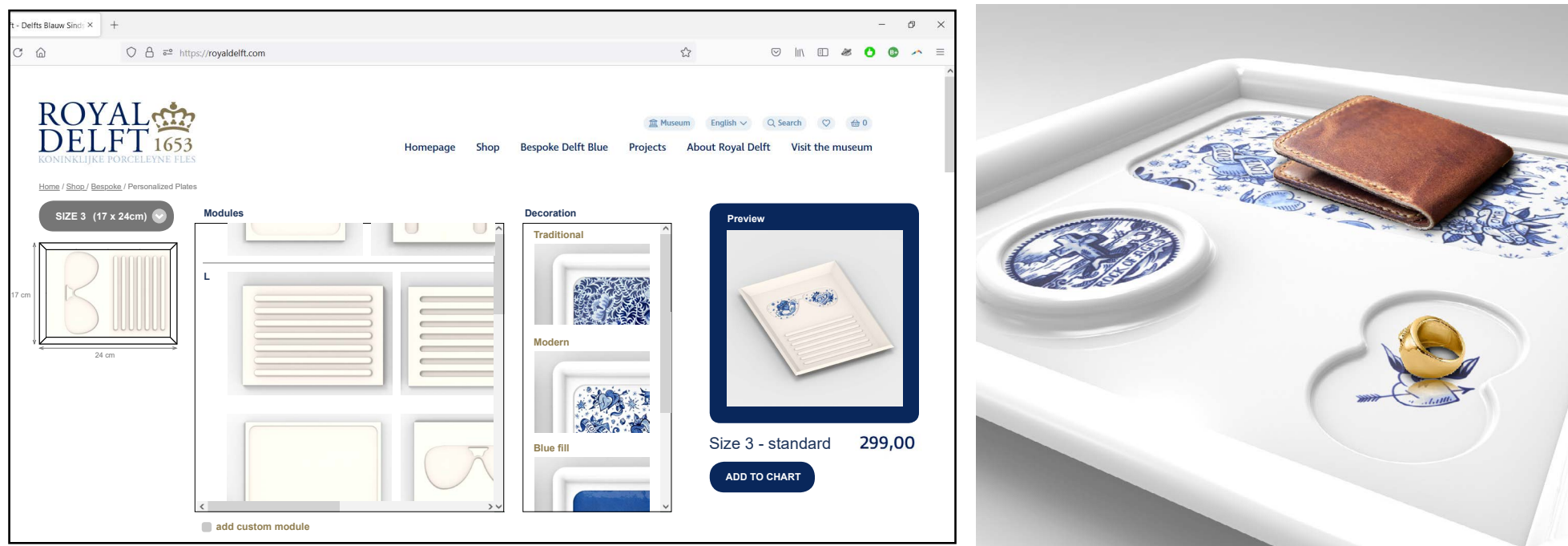


Future proofing the mold making process for Royal Delft ceramics

Mold making for slip cast ceramics is highly dependent on a craftsman's skill, time-consuming and costly, which hinders the development of new shapes. This new proposal entails a modular mold system, where 3D printed inserts can be inserted to customize and personalize ceramics, fast and affordably.

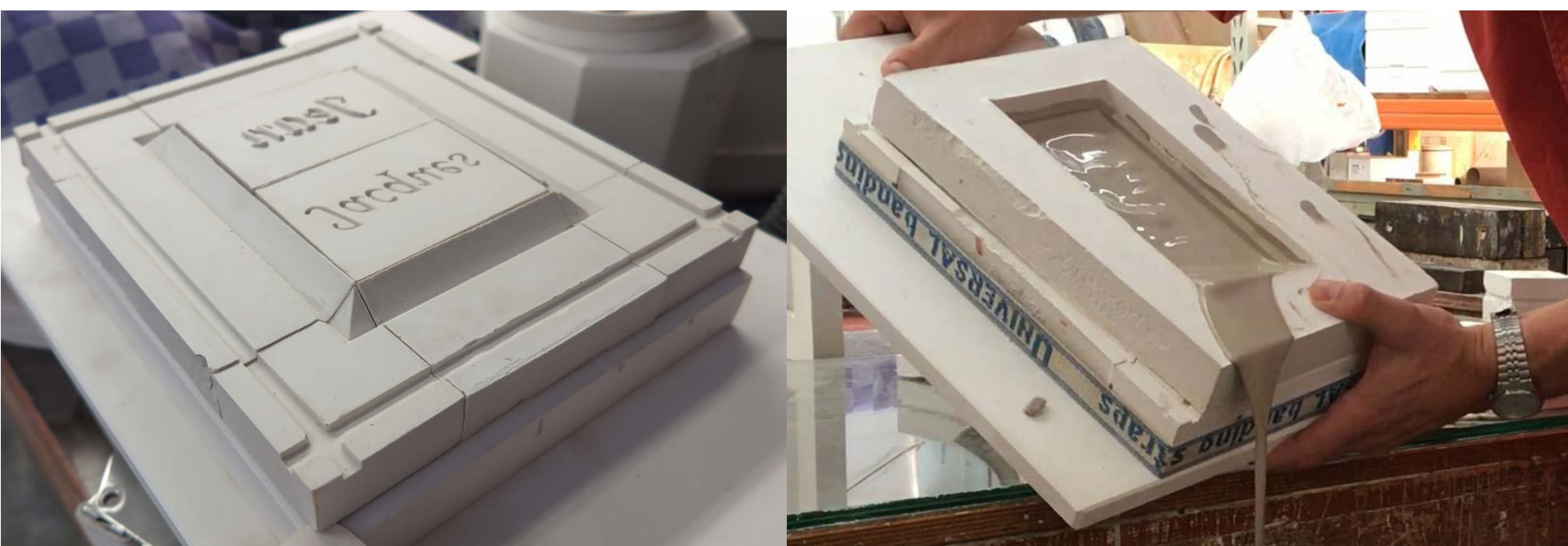


1. Custom Invoice

Users can configure a tray relief with inserts for their personal belongings, such as keys, wallets, phones, glasses and jewellery. Customization is possible through adding relief-text, or a custom 3D vector, for example a company logo or silhouette.

2. Digital fabrication of mold casing

Custom relief plates are 3D-printed and placed in the casting housing. The keys in this housing ensure a modular fit. Plaster is cast in order to create a modular mold part.



3. Mold assembly and Clay body production

The entire casting mold is assembled from pre-produced parts for the brim, and the new plaster modules. Slip can be cast, sponged, hand-painted and fired in the current manner of producing.



Prototype of the showcase product, made with said method.