

Wine box edition 2012 – making-of



Idea & concept:
MODUS architects, Sandy Attia, Matteo Scagnol
in collaboration with Hubert Kostner

execution: 3dwood.com

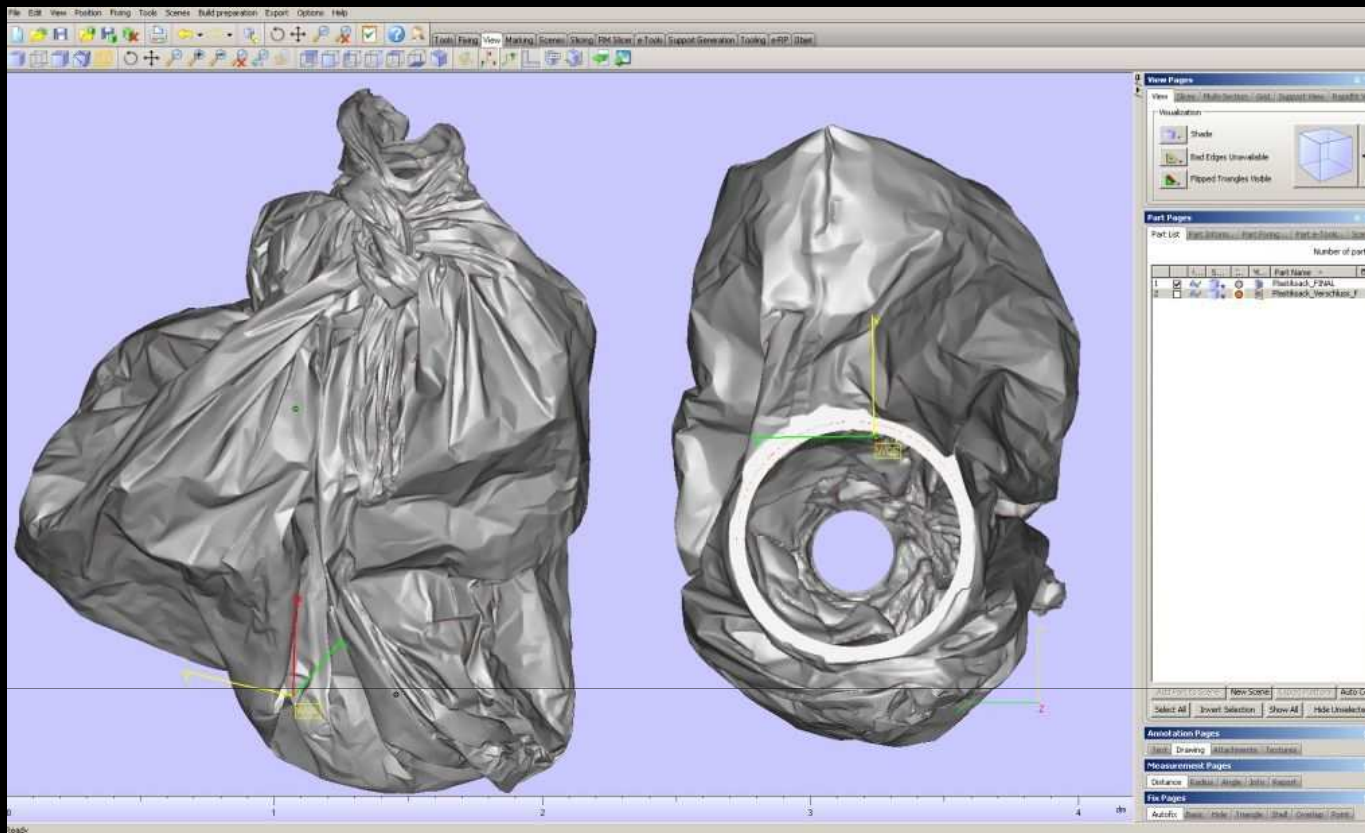
barth
building interior architecture



3D Scanning

A three dimensional scanner is used to digitize a wine bottle together with a plastic bag.

In doing so a high resolution digital model is achieved, which can further be adjusted and finished on the computer.



Digital editing and 3d printing

On the computer the bottle gets again separated from the plastic bag. After hollowing out the bag, it gets perforated at the bottom in order to insert a wine bottle later. The next step consists in preparing the digital model for 3d printing. With this innovative technology you get a true to original copy by building it up with very thin layers.



Silicon molding and duplicating

The printed prototype model is used to create a mold made of flexible silicon.

By filling resin into the cast, you can create a number of copie that get polished and finished by hand.



Painting

At the end all resin plastic bags get painted in a green color that's characteristic for Barth company



The finished model

The painted and polished resin bag gets completed by inserting the wine bottle.



barth
building interior architecture