

Case Study - Consumer Products



ARRK USES ITS 3D PRINTING EXPERTISE TO PROVIDE SHOW STOPPING MODELS

When one of the UK's leading gardening solution suppliers, Hozelock, wanted to bring a new concept to market, ARRK were well positioned to assist.

Hozelock required two sets of their new caddy and composting units for an upcoming trade show. The units were also to feature in photographic shoots, in the lead up to the launch of their new product.

From the first meeting between Hozelock and ARRK's projects team, it was stressed that the quality and finish was the key driver.

As the models appearance was a priority, it was agreed the parts would be produced using stereolithography (SLA) 3d printing, in Si25 material. Stereolithography is an ideal process for building detailed parts, with a high standard of surface finish and subsequently painted, assembled and ready for use as an exhibition model.

Each set comprised of 15 components of varying sizes. From handles, lids, embossed clips featuring the Hozelock logo, valves, handles and containers. Our team of finishers were then able to prepare the parts, before being passed to our in-house paint shop where they were sprayed inline with the colours specified by Hozelock, which brought the project and design to life. An added benefit for the client was that they were able to visit ARRK's site in Gloucester and inspect the parts at various stages to ensure fit and function as intended. We're delighted to report that the models were shipped and delivered on time to the client and ready for the show.



SLA built models, finished, painted & assembled



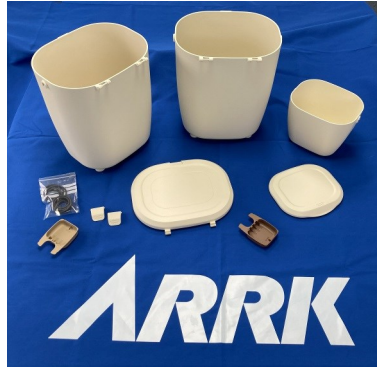
SLA Finishing



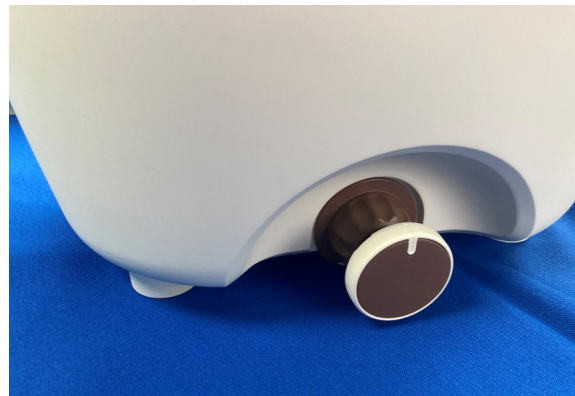
Hand finishing to ensure the perfect look



Parts ready for inspection



3D Printing in SLA with embossed logo



Pictures:

Various SLA parts finished, painted, assembled, inspected and checked to ensure correct fit.



For further information on ARRK's range of services, please contact:

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