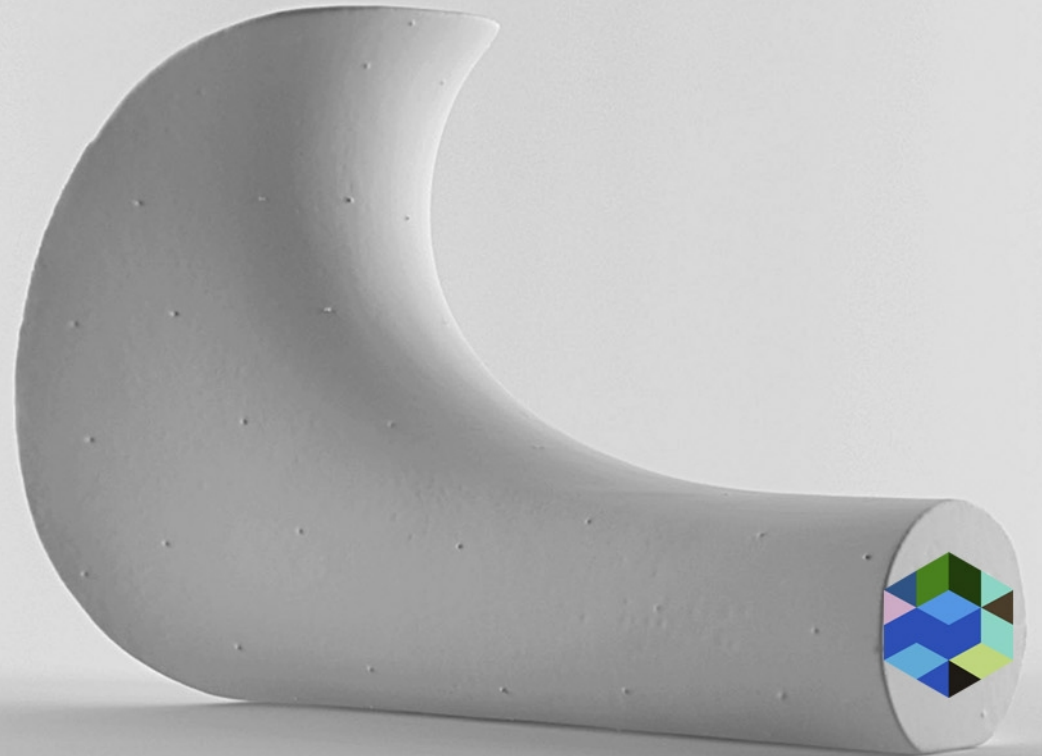




sample & hold

Anish Kapoor, Dirty Corner, 2011



A 3D scan of a hand-made foam model, likely a mechanical part, is shown against a black background. The model is rendered in a light purple/pink color. A white wireframe grid is overlaid on the scan, showing the bounding boxes and alignment of the scanned parts. The model consists of several curved and cylindrical sections. A pink rectangular box in the upper right corner contains the text "3D scan".

3D scan

**In order to speed up and improve the accuracy of the design work, we were asked by the structural engineers of this project to 3D scan a hand made foam model and produce a CAD model from which they could expand the design accordingly. Shown here is the raw 3D scan data.**





CAD drawing

The finished 3D scan data on the left, was used to create an idealised CAD model. We cut cross sections through the model and used these to create a symmetrical design with set measurements on specific lengths and diameters. This CAD drawing was then handed to the structural engineers.





CAD drawing

The design was extended and prepared for manufacture



art work

Final sculpture produced in steel





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