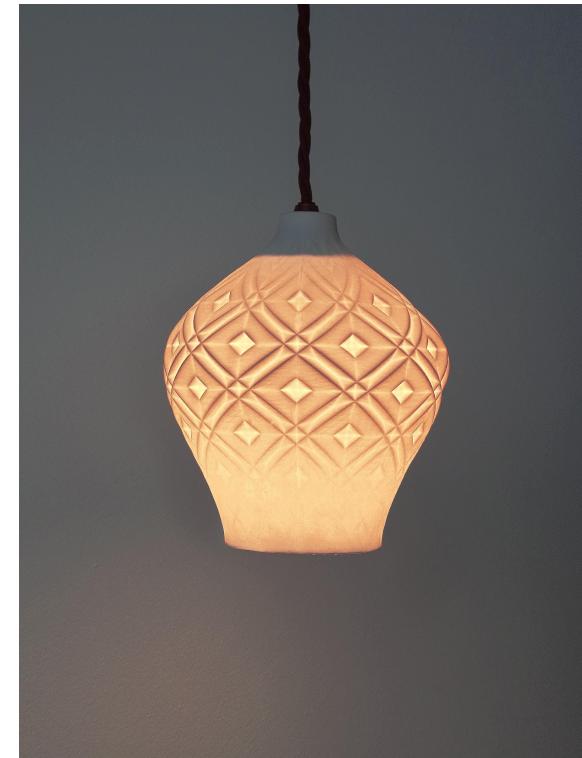


Edward Penn



My time at university was spent making things in a wide range of materials.

A hands on approach gave me a holistic sense of design.

For my final year project I combined computer aided design and manufacturing processes with traditional industrial techniques. Reling on the respective strengths of each to produce this lightshade.



After graduating university I built and managed the ceramic studio for deVOL kitchens.
The studio produced; Tableware, wall tiles and bespoke kitchen sinks.



I was happy to see the studio grow with its popularity, it now employs 3 full time ceramist producing ceramics to an exceptional quality.



I took my ceramic expertise with me when I began working at MINIWIZ

The objective of this project was to find a less energy intensive way to recycle iPhone screens.

Since the glass has a much higher melting temperature than regular glass it is unable to be recycled conventionally.

To tackle this issue I developed a ceramic material that would act as a flux in the kiln. Chemically interacted with the glass to lower its melting temperature and combining with the ceramic material.

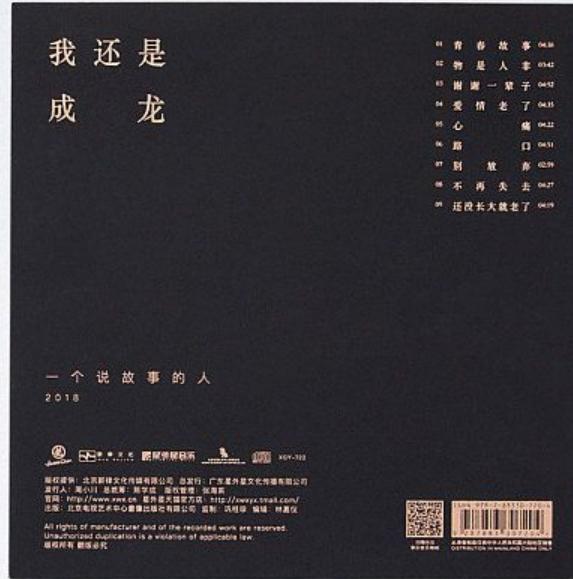


From this material I developed a series of tableware based on the fibonacci sequence.

All the items in the collection where made from a one part mold to eliminate seam lines and achieve a premium quality.

The sets were displayed at the Milan Solone 2019 and are now in production.





In 2017 Jackie Chan asked MINIWIZ to help with the design of his Album. I proposed to upcycle old cinema canisters. He liked the idea and invited me to his office in Beijing to develop a method to apply the graphic design to the steel canisters





I made chairs for Nike Kicks Lounge
Taipei made from recycled shoes.
All parts manufactured locally in Taipei.

GO
ER.



Mask cases for NIKE's HBL sponsorship. Made from recycled plastic collected by the competing schools.

Both the recycling and manufacturing were performed on a mobile unit that was taken to each school to demonstrate to students how their waste could be turned into something useful.



I also oversaw the production of the large flags hanging in the stadium.

I went to a factory in Daxi to recycle clothing donated by the schools into the nonwoven fabric then sent the material to a laser cutting facility in Taoyuan.

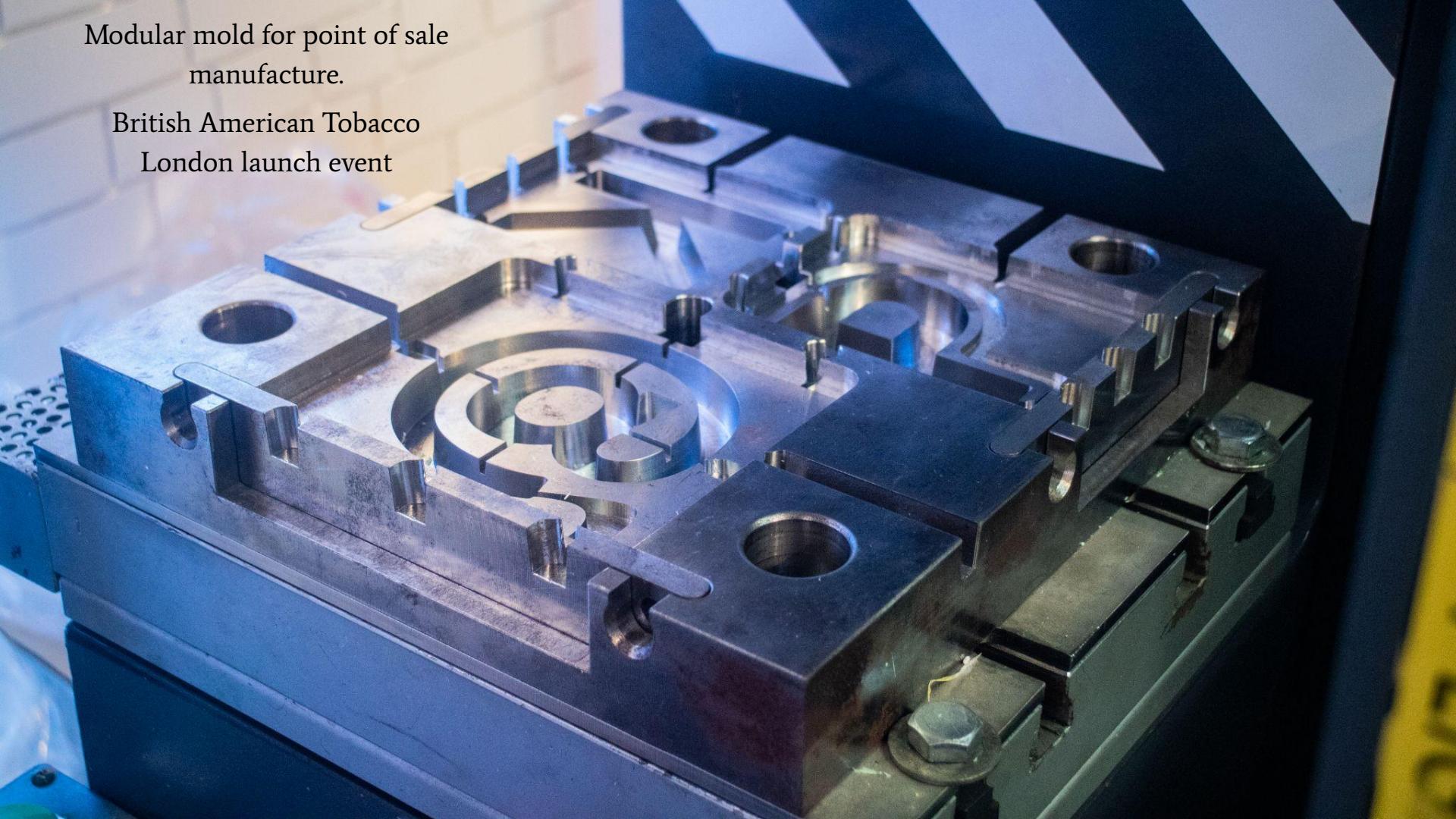




I was part of a team that designed and built this installation at the Somerset House courtyard for the London design week. The orbs have a steel substructure clad in recycled PET felt. I designed the modular panels that clad the steel frame along with the molds and installation mechanism.

Modular mold for point of sale
manufacture.

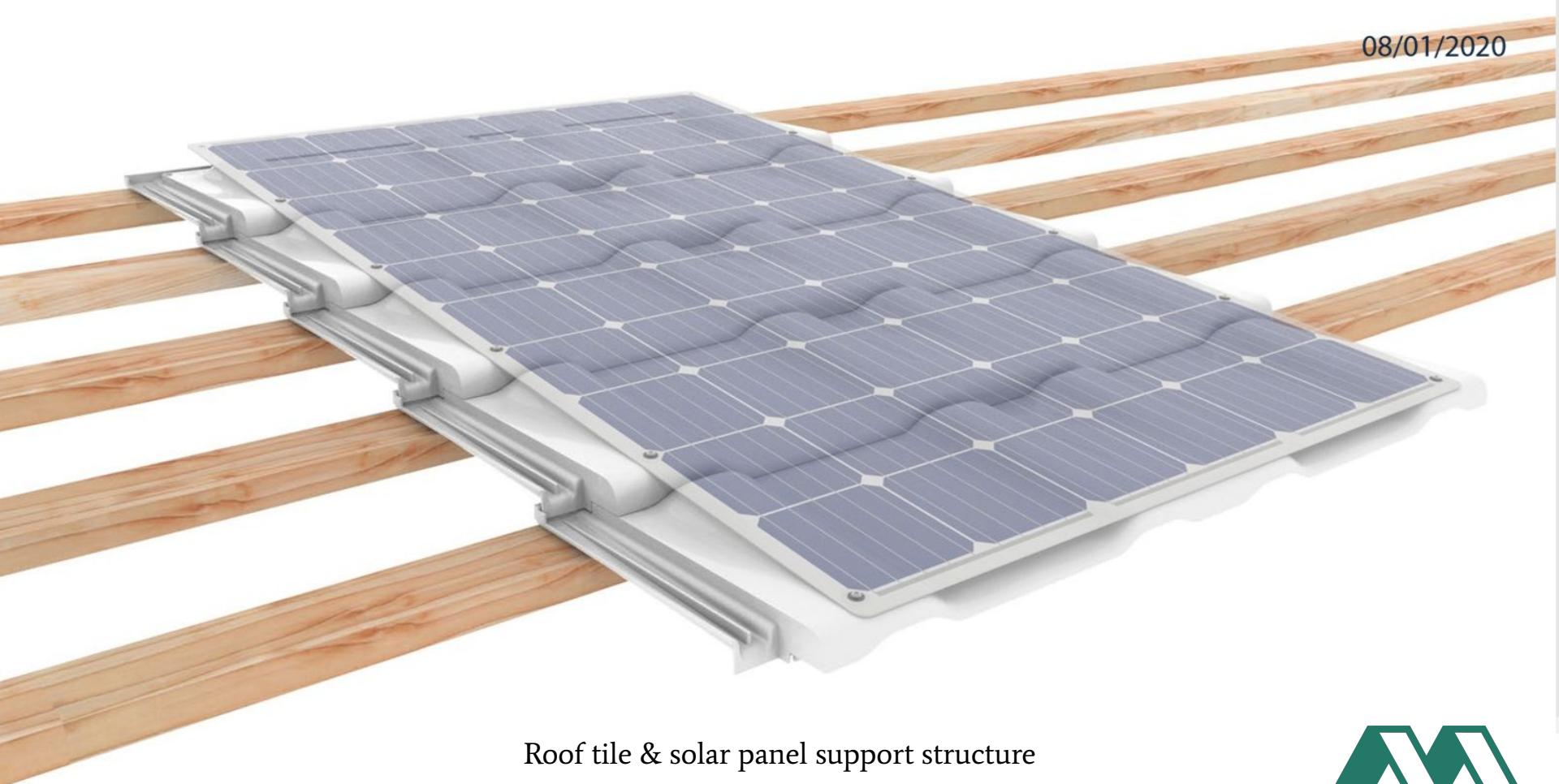
British American Tobacco
London launch event





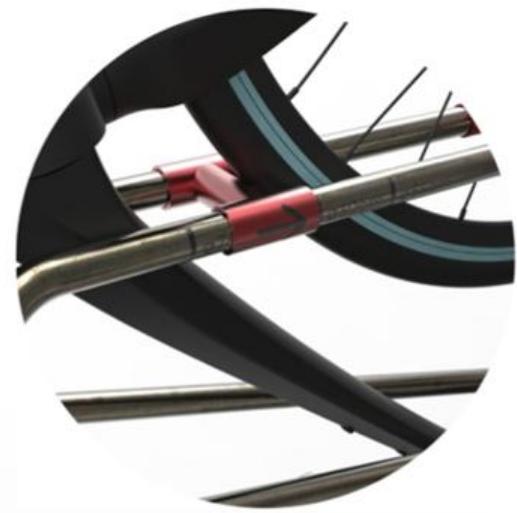
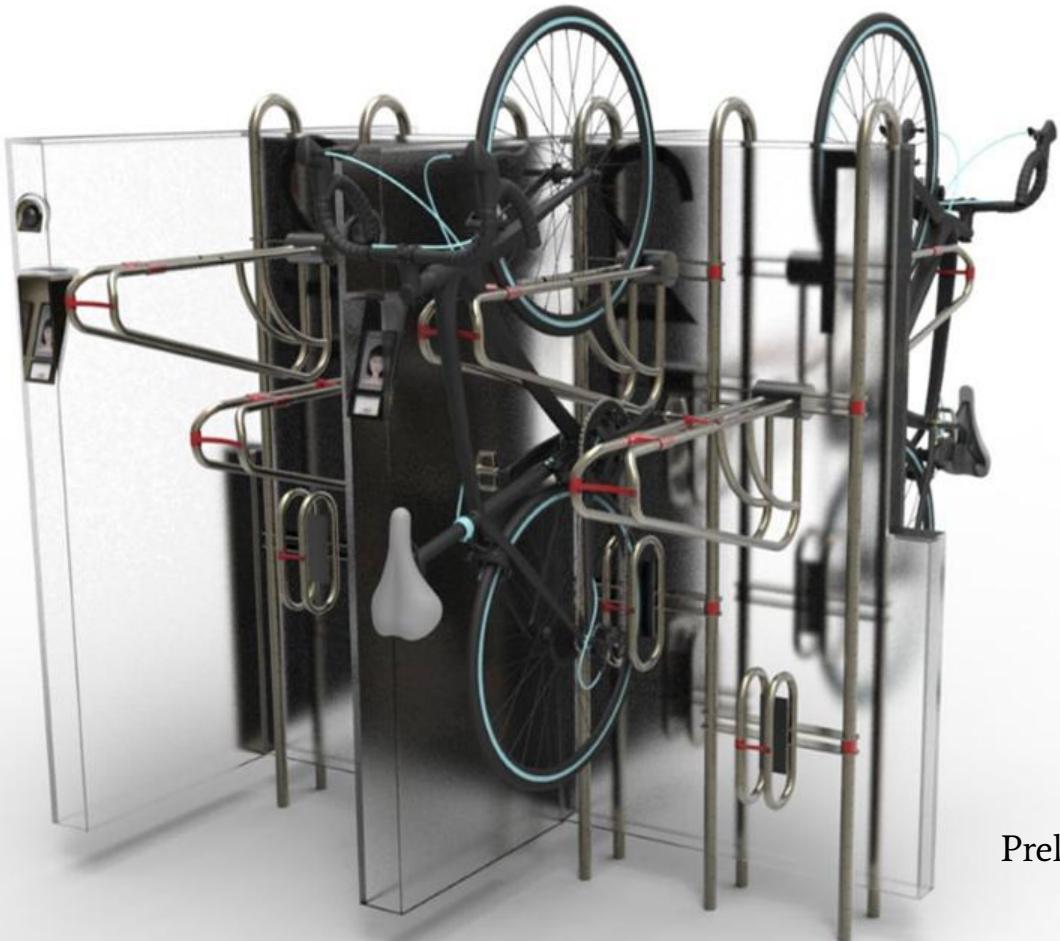
Nicotine pouch packaging design

British American Tobacco



Roof tile & solar panel support structure
Bid for Million Cool Roofs Challenge





Preliminary Design proposal for modular bike
rack at Bangkok airport Skylane

