

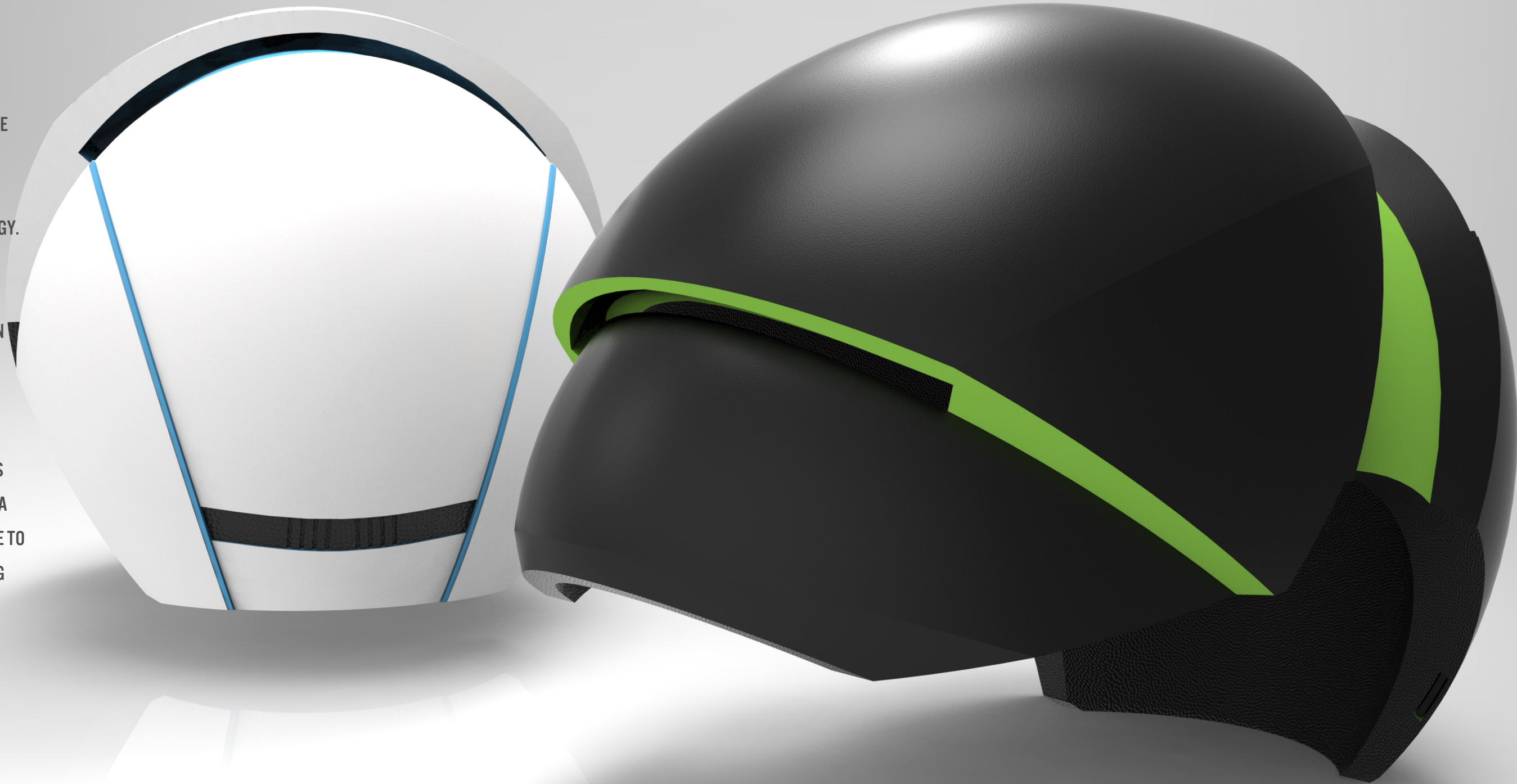
MATERIALS & PROCESSES

THE COLORED AREAS OF THE HELMET ARE MADE OF A MATERIAL CALLED PORON XRD. THIS MATERIAL ACTS AS THE CARTILAGE FOR THE HELMET, ALLOWING IT TO BEND TO THE USER'S HEAD WHILE ABSORBING UP TO 90% OF IMPACT ENERGY.

PORON MICROBAN TECHNOLOGY PROTECTS AGAINST THE ACCUMULATION OF MOLD, MILDEW, AND 99% OF CONSEQUENTIAL ODORS.

THE LARGE NEUTRAL COLORED MASSES ARE MADE UP OF LAYERED CORK SHEET, A MUCH MORE SUSTAINABLE ALTERNATIVE TO EPS WITH THE SAME IMPACT ABSORBING BENEFITS.

THE CORK IS FINISHED WITH A CORK STUCCO, A RESIN BASED PAINT WHICH IS DURABLE, WATERPROOF, MICROBE RESISTANT, BREATHABLE, AND THERMIC IN NATURE. THE COLORS WERE CHOSEN FOR THEIR HIGH CONTRAST FOR BETTER VISIBILITY.



SOLIDWORKS FULL SCALE MODEL
KEYSHOT RENDERING