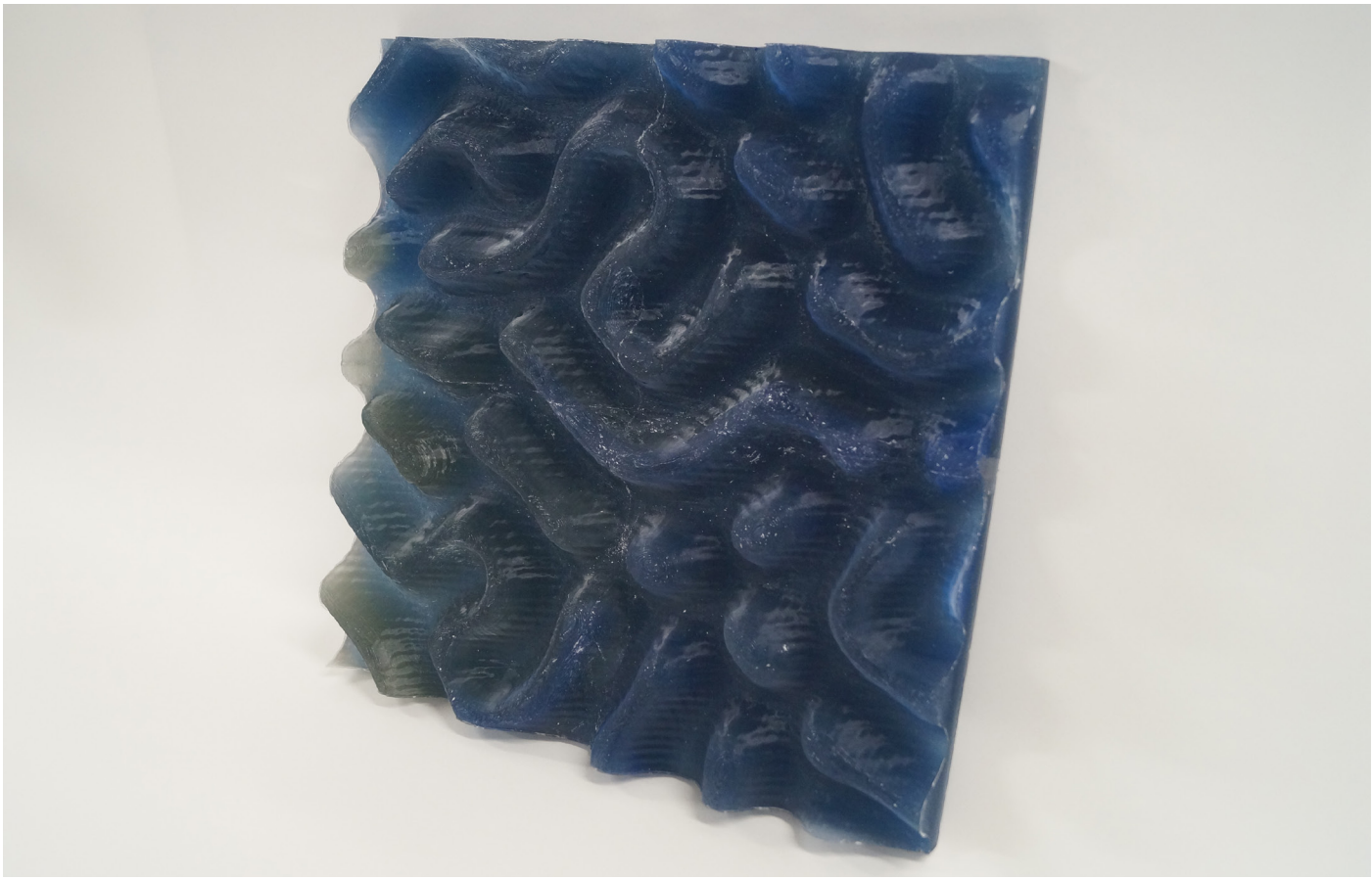


Figure 1: *Produced 400x400mm form liner with PU rubber.*



Figure 2: *Close-up on the reversed crevices and pits from the surface structure.*

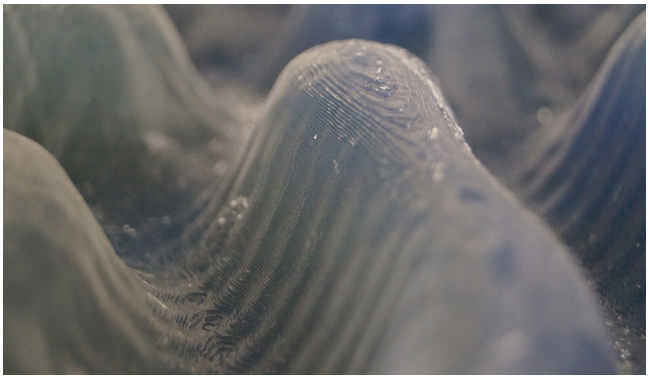


Figure 3: *Close-up on the imprinted surface texture created with the halftone effect and by the 3D printed layers of the production mold.*

Despite that this form liner is only a small section of the complete proposed pattern design for the ReefBlock, the concrete tile includes all ecological requirements:

- Pits in varying sizes;
- Vertical and horizontal shorter crevices;
- Horizontal continuous crevices
- Surface texture on millimeter-scale

It is expected that at least 100 concrete tiles can be produced for future field tests with the durable PU form liner. Figure X below shows what the concrete tiles will look like. Enabling the concrete to enhance biodiversity on artificial reefs or quay walls.



Figure 4: *Render of a concrete tile that will be made with the produced form liner.*