

DIGITAL FABRICATION - Project No1 (lasercutting)



When we began to design our component for the ceiling installation, we tested various shapes and joineries for the assembly of the final model. While we approached the assignment knowing some of the basic physical characteristics of the material, designing the initial models through Grasshopper complicated the simplicity of the fabrication of the final model. We realized too late that having a significant amount of components, even if they have been labeled appropriately, still requires a substantial amount of time to construct. Taking our first experience into account, we generated a more simplified version of our original design for a horizontally suspended, multilayered hexagonal grid, which was held together by interlocking vertical components. Although our design remains stable within the hexagonal framework of the ceiling installation, its porosity can be further addressed in another experiment with the laser printer.

