

TECLA Clay 3D Printed House



Overview

It's a 60m² house designed by Mario Cucinella Architects in Italy. The entire house is 3D printed using clay. It's a nearly zero-emission project because it used local materials.

It took 200 hours for the entire house to be built. 15km of extrusion and 60 cubic meters of natural materials were used.

3D printing for construction

- Save a lot of manual labor
- Have the ability to create unique shapes
- More eco-friendly
- Fast



Technology

The type of 3D printing used for this project is Squinters. Clay was extruded through a nozzle. The robotic arm with the nozzle then moves around to create layers of the house.

