

What is 3D printing?

This technology can be described as 'additive' as the object is constructed layer by layer by layer, gradually adding more material until the 'real' shape of the virtual object is achieved. Material is added in vertically layers, mostly from bottom to top, replicating the layers into which a 'virtual object' has been sliced.

There are several 3D printing concepts and technology types all working differently. Some processes use a liquid medium such as resin hardened by laser, or extruded through a nozzle, others use powder that is 'glued' with a medium, or the granules fused together by laser. Other processes introduce the medium in sheets, such as paper or plastic that are cut into the exact profile and glued to the previous profile.

<http://www.anarkik3d.co.uk/3dprinting>