

Construction 3D Printing

Sohye Park



- Similar to FDM extruding concrete through the nozzle
- Benefits:
 - Faster construction
 - Lower labor cost
 - Safer environment
 - Less material, more sustainable
 - Flexible designs
- Challenges:
 - Expensive Machinery and Operation
 - Lack of trained professionals
 - Sizes and development of 3d printers

<https://www.technologycards.net/the-technologies/construction-3d-printing#:~:text=Construction%203D%20printing%20is%20a.and%20forth%20while%20extruding%20concrete.>

<https://www.cemexventures.com/3d-printing-in-construction/>