

A molehill is an extended underground house (or underground tower block, if you like). The design allows the construction of several flats and multiple apartments. The initial proposal is to build out of cob, because according to this concept, we need to somehow use dust from excavation. How to use cob is well described in the book *The Cob Builder's Handbook* by Becky Bee. The cob construction should be upgraded to industrial level, of course.

However, cob is not the best material to use in this way. It is just too heavy, so we cannot build particularly high molehills with it. The ideal material is very light material, placed in circles, which can handle pressure from a horizontal direction. One option could be steel towers, similar to electrical beam towers, with the addition of wire mesh and isolation to prevent soil from getting inside. The same can be done with wood, especially a light one.



For fast construction, an expanded polystyrene (EPS) can be used. If all material is available, then the construction of a relatively big molehill can be done really fast.

So, you don't need underground tunnels to build large underground homes. They can also be a good option if you need a decent shelter for a large group of people.