

Advantages of Compressed Earth Block (CEB)

- CEB can be pressed from damp earth.
- Shipping cost: Suitable soils are often available at or near the construction site. Adobe and CEB are of similar weight, but distance from a source supply gives CEB an advantage.
- Uniformity: CEB can be manufactured to a predictable size.
- Presses allow blocks to be consistently made of uniform size, while also obtaining strengths that exceed the ASTM standard for concrete blocks (1900 psi).
- Non-toxic: materials are completely natural, non-toxic, and do not out-gas
- Sound resistant: an important feature in high-density neighborhoods, residential areas adjacent to industrial zones
- Fire resistant: earthen walls do not burn
- Insect resistant: Walls are solid and very dense and have no food value for insects.
- Mold resistant: there is no cellulose material – such as in wood that can host mold or rot.
- Temperature control: CEB houses stay cool in the summer and warm in the winter.