

THE EXTENT OF THE PROBLEM OF EARTHEN BUILDINGS
IN GREECE

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ABSTRACT

The present paper deals with "Earthen Buildings" that have a load carrying system of clay with various admixtures. The same term may also include structures with an initial wooden load carrying system filled in with clay. The clay is used either in the form of cast in place material or in the form of raw bricks.

Earthen buildings in Greece have been constructed since the pre-neolithic period, and they have been considered superior than the baked brick wall construction, according to the use.

If well maintained and waterproofed, the earthen buildings show a very good earthquake resistance. There are cases that this type of buildings have suffered several strong earthquakes during their life, which in most cases reaches 100 years up to now.