

Opoko, A. P. and Ali, J. A. (2005): Need for Quality Control in the Production of Cement stabilized Blocks for walling in Nigeria. *The Professional Builder – journal of the Nigerian Institute of Building*.

Abstract

Research and development both within and outside the country have indicated the potentials of stabilised soil blocks for use as walling material in a developing country like Nigeria. Apart from their superior thermal and fire resistance properties, stabilized soil blocks have been found to be considerably cheaper than conventional walling in the market. In practice, however, these advantages have been jeopardized due to lack of and non-compliance to standards and quality control measures. Based on the authors' several experience of working with this material and extensive literature search, this paper identifies measures to be taken to ensure production of good quality stabilized soil blocks. These measures cover choice of materials and machines, batching, handling and curing which have been identified as critical factors that affect the quality and durability of stabilized soil blocks. It recommends measures which will ensure quality in the production of stabilized soil blocks in the country.