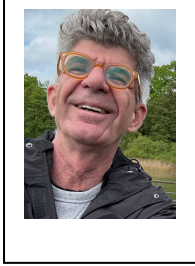


Circularity Rammed Earth/Pisé- Case study in North Cyprus with Construction Data



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ABSTRACT

This presentation is based on a case study in North Cyprus, where rammed earth was chosen as a construction method, following the rammed earth construction technique as a natural, flexible, durable, and resilient material that contributes to circularity in design and construction. The source of construction material and the location of the construction are the same. This adds to the circular economy of construction, follows the design principles of *Cradle to Grave*, and aligns with the United Nations Sustainable Development Goals (SDG 12). Rammed earth construction is very effective for both heating and cooling loads in the Mediterranean climate without requiring additional thermal insulation.

KEY WORDS:

Rammed Earth Pisé, Circularity, Sustainable Development goals (SDG12), Durable, Resilience

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