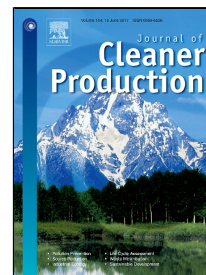


Accepted Manuscript

A novel simulation model for development of renewable materials with waste-natural substance in sustainable buildings

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PII: S0959-6526(17)30827-2
DOI: 10.1016/j.jclepro.2017.04.107
Reference: JCLP 9463
To appear in: *Journal of Cleaner Production*

Received Date: 29 December 2016
Revised Date: 10 April 2017
Accepted Date: 17 April 2017

Please cite this article as: Lutfu Sagbansua, Figen Balo, A novel simulation model for development of renewable materials with waste-natural substance in sustainable buildings, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.04.107

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RESEARCH HIGHLIGHTS (Sagbansua L., Balo F., 2016)

- *The green insulation materials are developed by using C, FA, P, and MCO.
- *Abrasion resistance and density properties are determined.
- *Compressive and tensile strengths are evaluated based on Turkish Earthquake Code.
- * k values of obtained samples are assessed in accordance with isolation index.
- *The temperature distribution of MCO-based walls is compared with various wall types within a simulation model developed

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