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Journal Name:	Physical Science International Journal
Manuscript Number:	**Ms_PSIJ_25610**
Title of the Manuscript:	**Study of the thermal and mechanical performance of laterite blocks mixed with Néré pod for the thermal insulation of buildings.**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	**- add bibliographic references (introduction, results and discussions…)** **- write 0.427 W /m.K and no 0,427W /(m.K).** **- write 10.43% and no 10,43%** **- write 1.38 MPa and no 1,38 MPa** **- Put the point after the reference [3]** **- put the references for this section: In the context of sustainable development, new regulations for thermal insulation in building industry, lead researchers to find new materials to build energy saving systems. This research was rapidly directed toward the use of materials derived from plant material.** **- write 2- Materials and Methods and no 2-Methods and Materials** **-write 10×10×2.5 cm^3 and no 10*10*2,5cm^3 : Why the choice of this dimension?** **- write this sentence in English: Laboratoire Energétique Appliquée (L.E.A) de L' Ecole Supérieure Polytechnique de Dakar.** **- Renumber this title: I-3 Method used to measure the thermophysical properties of materials.** **- put the Thermal diffusivity inside the table 1** **- Figure 3 : replace the comma with the points for numeric values, delete thermal an lineare, remove lines in the figures, ordinate=thermal conductivity (W/m.K) and absciss = Néré pod in the laterite (%).** **- Figure 4 : replace the comma with the points for numeric values, delete bulk density and poly,**	

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	ordinate= thermal conductivity (W/m.K) and abscissa = bulk density (g/cm^3) **- Figure 5 : replace the comma with the points for numeric values, delete bulk density and expon, ordinate= thermal conductivity (W/m.K) and abscissa = water content (%)** **- The thermal behavior of the hygroscopic material is influenced by water content which reaches its maximum value corresponding to a relative saturation state and the thermal conductivity tends to get stabilized [13]: delete Ezbakhe H. et al.** **- Table 2: formulas are not clear** **- write 4×4 × 16 cm^3 et non 4*4*16cm^3: Why the choice of this dimension?** **- Insert the equation Rc = F / S in the text and put a number to this equation** **- Describe the technique for measuring the compressive strength?** **- Figure 6, Figure 9, Figure 10, Figure 11 and Figure 12: replace the comma with the points for numeric values, absciss = Néré pod in the laterite (%).** **- This value is found in the Hakimi work's reported by Meukam [15]: put the reference of author Hakimi** **- Conclusions et non Conclusion.**	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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