



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_51212
Title of the Manuscript:	Properties of Gypsum Based Boards Made From Mixtures of Wood and Rice straw
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	<ol style="list-style-type: none"> 1. Title – my suggestion: The effect of rice straw addition on the properties of... 2. Instead of eg. 60/40, why don't you write it as 60:40 (ratio) 3. Line 52 – “In this case, the fillers (additives) could be observed more closely.” Is this refer to rice straw? 4. Line 68 – “The detailed description of cellulosic raw materials, gypsum with their specifications, and manufacturing process could be found elsewhere [14]” – better to include your data or just remove this statement 5. Line 123 – Please discuss properly the effect of rice straw on thickness swelling. Further discussion can be referred to the article “Study on Dimensional Stability of Particleboard Made Using Glutardialdehyde Modified Corn Starch as the Binder at Various Relative Humidity- International Journal of Engineering & Technology, 2018” 6. Line 128 – Please rephrase into simpler, understandable statement. 7. Line 170 – “It could be summarize that the compatibility of rice straw with gypsum is low and should be useful only in controlled conditions or proportions.” Please elaborate on “controlled conditions or proportions” 8. The statistical analysis in the tables are not complete. Some data have it and others not. Please complete it. 9. For each characterization (eg. FTIR, TGA), please highlight the differences found between control sample and rice straw added samples. 10. Line 271 – Please provide explanation on why addition of rice straw increase the insulation properties. 11. Line 288 – “It was also realized that the addition of rice straw to wood/gypsum mixture effects on extending hardening time.” I did not find any part of your work on this. Maybe you can dismiss it. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Table 1 – Choose between using gram or percentage for wood and rice straw 2. Figure 1, Figure 5, Figure 6 – repair the axis 3. All figures – please improve the quality 4. Other corrections are as written in scanned document. 	
Optional/General comments	<ol style="list-style-type: none"> 1. Please find English proof-reader. The language problem is so serious because some sentences are even not understandable. 	



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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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