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REF E R E E E ’ S R E P O R T

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Title: Fire barrier based on expanded perlite composites



Please denote one answer for each of the following questions and the overall recommendation.

General Judgment	Poor	Below Average	Average	Good	Very Good	
	1	2	3	4	5	
1. The author is familiar with the existing state of research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. The topic is relevant to the scope of Conference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. This is a new and original contribution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. The title is appropriate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. The abstract and keywords are adequate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. The presentation of material is logically and technically correct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. The interpretations and conclusions are justified by the results	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. The writing style/English is clear and understandable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. The paper is of the right length If not, please explain in your comments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. The references are adequate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Rating of this paper in comparison to similar papers published in top-rated scientific journals:						
	Below publ. Level	Bottom 20%	Below Average	Average	Above Average	Top 20%
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall Recommendation

- Acceptable without any changes
- Acceptable with minor modifications
- Major revision: needs to be re-written and re-evaluated
- Unacceptable

Please give detailed comments below to justify your general judgment and recommendation:

The introduction part is clear and good developed.

The main physical properties of perlite board sample presented in Tab. 2 should be commented in respect to composition of A-D samples (e.g. alkaline substances concentration....etc...).

SEM images for all samples are expected.

The conclusion part should be completed according to the results presented.