

# Review of: "Shear performance of polypropylene fiber reinforced high-strength self-compacting concrete beams"

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**Potential competing interests:** No potential competing interests to declare.

This paper is well constructed. The results of investigations are valuable and very interesting.

1) Acronyms used in the text should be explained the first time they are used. In my opinion, conclusions are too short and somehow simplistic as they seem to be observational without revealing findings of generic academic value. What I mean is that based on the results, some generic and fundamental academic conclusions need to be drawn. In conclusions, please try to emphasise the novelty, put some quantifications, and comment on the limitations. The conclusions should also highlight the progress in understanding of knowledge presented in the work. What can be the indications for industrial practice? Also, the literature review section is shallow. The author must refer to the properties of other materials, especially the novel metals, with regard to mechanical property analysis. Please refer to the following articles in the revised version.

<https://doi.org/10.1007/s40032-023-01022-y>

<https://doi.org/10.1007/s40033-023-00593-5>

<https://doi.org/10.1007/s40033-023-00578-4>

<https://doi.org/10.36547/ams.29.3.1826>

<https://doi.org/10.1007/s40033-023-00527-1>