

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.

- The study contributes to academic knowledge and can be accepted with minor revisions.
- The abstract needs to incorporate some of the key results or findings of the study, giving specifics.
- The percentage of fibre added was narrow. How and why did the authors select these four percentages? This needs to be justified.
- The introduction needs to be expanded and provide more literature on work that has been done by other researchers.
- What are the mechanical properties of the polypropylene fibres? The tensile strength? The elongation?
- The fibre length—how was this selected? Is it above the critical length?
- The limestone particle size—was it targeted? Why was size less than 75 µm used?
- Discussion needs to compare existing literature with references and provide a technical explanation of the observations.
- More references are needed in this study, and these can be added in the introduction and discussion sections in order to validate this work against the available body of knowledge.