

# 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.

Table 2: Add units of concrete strengths. Specify if the values are mean values (of three? Specimens) and if yes, give the corresponding range.

Figure 1. In the curve legends, use MPa instead of kg/cm<sup>2</sup>.

Figure 2. Tensile reinforcement: is it 3Φ16 or 3Φ10? Shear reinforcement diameter: is it Φ6 or Φ10? Comment on the amount of both reinforcements to min/max percentages specified by structural codes.

Figure 3. Beam configuration is different from Figure 2.

Figure 4. Use the same scale for the two compressive strengths (90 and 80MPa). In the text, it is said that "...the curve increases almost horizontally up to failure," but this is not evident from the figure. Specify the type of failure: brittle, ductile, concrete in compression, tensile reinforcement, shear reinforcement?

Figure 5. Use the same scale on all subfigures. Absorbed energy: give the calculated values.

Figures 6 and 7. Specify the units on the horizontal axis.

Figures 9 and 10. Specify the fiber percentages on each figure.

How did the fiber percentage affect: the first cracking load, the crack width, the distance between cracks?

The style of the references does not comply with widely-used referencing styles or conventions.