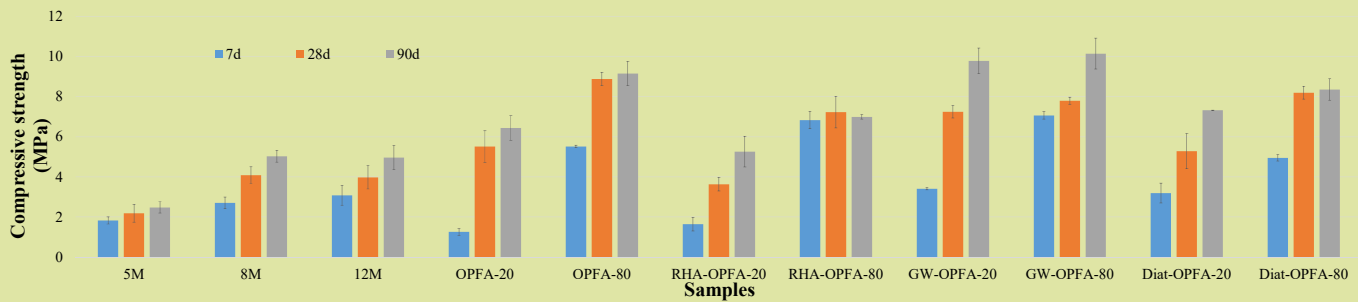
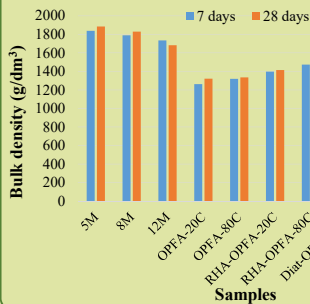


RESULTS

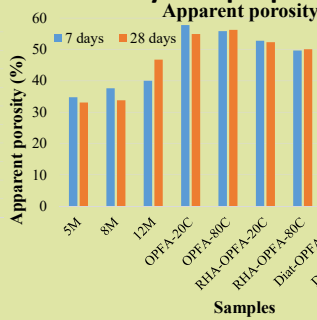
Compressive strength



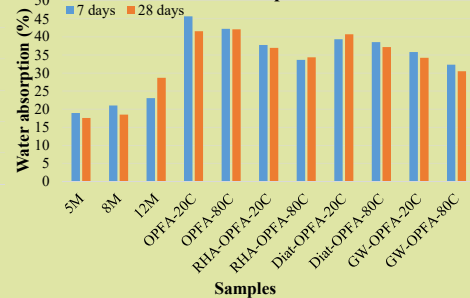
Bulk density



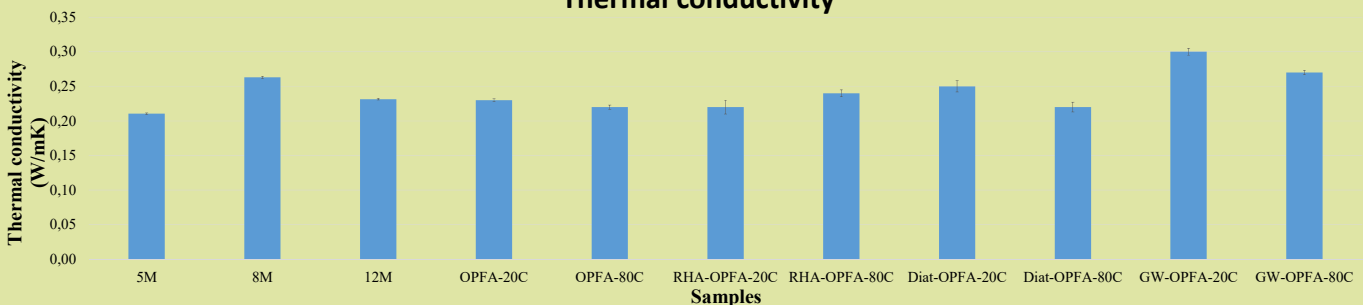
Physical properties



Water absorption



Thermal conductivity



Conclusions

- Similar or superior mechanical properties can be achieved using waste materials as alternative activators for non-structural materials.
- However, the physical properties are affected, with a decrease in bulk density and an increase in apparent porosity and water absorption.
- The best combination of activator was achieved using a mixture of olive ash and glass waste.
- Thermal conductivity can also be reduced using alternative activators, with the values obtained being very low compared to ordinary Portland cement.

The results indicate that alternative activators to commercial solutions can yield materials with superior mechanical, physical, and thermal properties.

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