
第46回コンクリート工学講演会 | A. 材料・施工 | リサイクル

リサイクル

座長:鈴木浩明(土木),犬飼利嗣(建築)

2024年6月28日(金) 09:00 ~ 10:30 第4会場 (第3・4会議室)

[1264]COMPRESSIVE STRENGTH AND NANOINDENTATION OF HIGH STRENGTH LIGHTWEIGHT MORTARS WITH WASTE GLASS BEADS

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In this study, the compressive strength and nanoindentation were analyzed by incorporating different types of waste glass beads (spherical (B) and crushed (CB)) as moisture carriers for internal curing to improve the mechanical properties of high-strengthstes Nanoindentation results showed an increase in density in both ITZ and paste regions. Therefore, it is believed that the potential of WGB has been demonstrated and can cement composites.