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Nota di contenuto	An innovative experimental approach to assess binder plant particle compatibility in plant-based concrete -- Thermo mechanical behaviour of fossil-based and bio-based polyurethane foams for building construction -- Isolation of Yeasts from Construction Materials and Their Potential for Microbially Induced Calcium Carbonate Precipitation -- Evaluation of Chemical Properties of Biomass Ashes from Agricultural Residues in Vojvodina Serbia -- Effects of Cement Substitution with Locally Available Waste Materials on the Restrained Shrinkage of Masonry Mortars.
Sommario/riassunto	This book gathers peer-reviewed contributions presented at the 6th International Conference on Bio-Based Building Materials (ICBBM), held in Rio de Janeiro, Brazil on June 17-20, 2025. Focusing on bio-based building materials (3BM) as well as their applications in sustainable

building constructions, the contributions highlight the latest findings in this fast-growing field, addressing topics such as natural fibres- and aggregates, rammed earth, innovative hybrid composites based on bio-based ingredients, novel sustainable binders, energy efficiency aspects- and life cycle analysis of these materials.
