

Actual energy performance and indoor climate in Finnish NZEB daycare and school buildings

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Airtightness of cross-laminated timber envelopes : influence of moisture content, indoor humidity, orientation, and assembly

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Application potential of combining strain hardening cementitious composites and helical reinforcement for 3D concrete printed structures : case study of a spiral staircase

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Bond governed interactions between helical reinforcement and 3D printed concrete

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A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators

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Data-driven baseline generation for post-retrofit energy saving assessment, a comparison of statistical and machine learning methods

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Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering

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Doping engineering for controlled hydration and mechanical properties in Portland cement mortar with ultra-low ZnO concentration

Tamashiro, Jacqueline Roberta; de la Rubia, Miguel Angel; Rubio-Marcos, Fernando; **Rojas Hernandez, Rocio Estefania**; Silva,

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The effect of thermal transmittance of building envelope and material selection of wind barrier on moisture safety of timber frame exterior wall

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Enhancing CLT construction – Hygrothermal modelling, novel performance criterion, and strategies for end-grain moisture safety

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Failure analysis of a spray polyurethane foam roofing system

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Mechanical activation of medium basicity steel slag under dry condition for carbonation curing

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Microgrid oriented modeling of space heating system based on neural networks

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A novel method for calculating heat emitter and controller configuration setpoint variations with EN15316-2

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Numerical analysis of additional heat loss induced by air cavities between insulation boards due to non-ideality

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Numerical simulation of CLT moisture uptake and dry-out following water infiltration through end-grain surfaces

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Performance assessment of ventilative and radiant cooling systems in office buildings during extreme weather conditions under a changing climate

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Simulation analysis of Finnish residential buildings' resilience to hot summers under a changing climate

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