

Airtightness of Estonian dwellings – median and base-values for heat loss estimation

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Capillary condensation redistribution (CCR) test: measurement results of 5 materials and comparison to modelling

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Classification of the energy production potential of water lens solar concentrators using machine learning

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Dependence of measured specific air leakage rate (qE50) on envelope pressure differences and measurement position: A case study in an apartment building in winter conditions

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Desalination using clay and lime sacrificial plasters with additives on field stone wall and fired clay bricks

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Experimental analysis of moisture uptake and dry-out in CLT end-grain exposed to free water

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From near real-time urban data to an explainable city-scale model to help reduce the Urban Heat Island (UHI) effect

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Heat loss characteristics of typology-based apartment building external walls for a digital twin-based renovation strategy tool

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Hygrothermal performance of lime-based thermal insulation mortars: water absorption, hygroscopic sorption, and water vapour permeability

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Hygrothermal performance of prefabricated insulation elements for serial renovation of apartment buildings in a moderately continental German climate

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On site measurement and hygrothermal modelling of degraded ETICS facade with EPS and mineral wool fire breaks

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Preface

Lyapin, Alexandr; Murgul, Vera; Beskopylny, A.N.; Porksheyen, V.M.; Komakhidze, M.G.; Sukhinov, A.I.; Chetverushkin, B.N.; Avetisyan, A.I.; Kalyaev, I.A; Ubar, Raimund-Johannes Journal of Physics: Conference Series 2021 / art. 011001, 1 p <https://doi.org/10.1088/1742-6596/2131/1/011001> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Quantification of building envelope heat losses on a district level for comparative renovation strategies assessment

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The Solar Block Generator : an additive parametric method for solar driven urban block design

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ZrC-TiC-MoSi2 ceramic composite by spark plasma sintering

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Thermal performance of two different PV-ETICS integration solutions in a real environment

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Thermal performance of wedge pile slab foundation without frost protection insulation and highly insulated slab on ground floor – first year measurements

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