

Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof

Kalamees, Targo; Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Õiger, Karl E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Capillary condensation experiment for inverse modelling of porous building materials

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Cost reduction of the new NZEB Wooden building – case study of the kindergarten in Estonia

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Design criteria for outdoor air intakes and exhaust air outlets located on an external wall

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Development of prefabricated insulation elements for buildings with aerated autoclaved concrete walls

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Driving decarbonisation of the EU building stock by enhancing a consumer centred and locally based circular renovation process

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Energy saving potential with smart thermostats in low-energy homes in cold climate

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Highly insulated crawl spaces with controlled minimal ventilation – proof of concept by field measurements

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Hygrothermal performance of paper plaster: influence of different types of paper and production methods on moisture buffering

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Identification and improvement of critical joints in CLT construction without weather protection

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The impact of infiltration on heating systems dimensioning in Estonian climate

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Kouvola Housing fair NZEB houses energy, cost and carbon analyses

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Laboratory tests and modelling of mineral wool insulated steel sandwich panels

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Measured and simulated energy performance of OLK NZEB with heat pump and energy piles in Hämeenlinna

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A method to develop energy activated ETICS

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Moisture dry-out from steel faced insulated sandwich panels

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Nearly zero energy renovation concepts for apartment buildings

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Parametric energy simulations of a Nordic detached house heated by a wood stove

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PCSP's diagonal tie connectors thermal bridges impact on energy performance and operational cost : case study of a high-rise residential building in Estonia

Kiil, Martin; Käärid, Martin-Sven; Klõšeiko, Paul; Võsa, Karl-Villem; **Simson, Raimo;** Sarevet, Henri; **Thalfeldt, Martin;** **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 80060, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017208006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Preliminary assessment of preconditions to deliver carbon neutrality in apartment buildings by 2050

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Residential buildings with heat pumps peak power reduction with high performance insulation

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The influence of heat loss from pipes in an unheated basement on the heating energy consumption of an entire typical apartment building

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The integration of selected technology to energy activated ETICS - theoretical approach

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Thermal bridge effect of vertical diagonal tie connectors in precast concrete sandwich panels : an experimental and computational study

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