

### **Air pressure differences over external walls in new and retrofitted schools and daycare centers**

Kauppinen, Antti; **Kiviste, Mihkel**; Pirhonen, Joni; Tuominen, Eero; Laukkarinen, Anssi; Huttunen, Petteri; Vinha, Juha Buildings 2022 / art. 1629 <https://doi.org/10.3390/buildings12101629> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Leiten, Kadri; Sirelpuu, Helari; **Kiviste, Mihkel** Journal of Physics: Conference Series 2021 / art. 012087 <https://doi.org/10.1088/1742-6596/2069/1/012087> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **The effect of printing direction on the strength characteristics of a 3D printed concrete wall section**

Põldaru, Mattias; Tammkõrv, Karl; Tuisk, Tanel; **Kiviste, Mihkel**; Puust, Raido Buildings 2023 / art. 2917 <https://doi.org/10.3390/buildings13122917> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effect of soaking/oven-drying on mechanical and physical properties of birch (Betula spp.) plywood**

Kask, Regino; Lille, Harri; **Kiviste, Mihkel**; Kruus, Silver; Lääne, Johann Olaf Drvna industrija 2021 / p. 121-129 <https://doi.org/10.5552/drvind.2021.1946> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluation of some mechanical and physical properties of 'Oriented Strand Board (OSB/3)' following cyclic accelerated aging tests**

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### **Factors affecting the deep renovation of a single-family building – a case study**

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### **Hygrothermal analysis of masonry wall with reed boards as interior insulation system**

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

**Ruus, Aime; Kaeramaa, Ave-Ly**; Kirtsi, Karin; Mihkelsoo, Madis; **Kiviste, Mihkel**; Raamets, Jane Journal of Physics: Conference Series 2023 / 8 p. : ill <https://doi.org/10.1088/1742-6596/2654/1/012083> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Indoor air temperature and relative humidity measurements in Finnish schools and day-care centres**

**Kiviste, Mihkel**; Laukkarinen, Anssi; Kauppinen, Antti; Tuominen, Eero; Ketko, Joonas; Vinha, Juha; Raunima, Tuomas Building and environment 2023 / art. 110969 <https://doi.org/10.1016/j.buildenv.2023.110969>

### **Influence of Silane on water absorption properties of lime-based thermal insulation and renovation mortars**

**Ruus, Aime; Oja, Kai-Liis; Mihkelsoo, Karin; Mihkelsoo, Madis; Tungel, Ernst; Kiviste, Mihkel** Multiphysics and Multiscale Building Physics : Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 1: Moisture and Materials 2025 / p. 467-473 [https://doi.org/10.1007/978-981-97-8305-2\\_66](https://doi.org/10.1007/978-981-97-8305-2_66)

### **Internal moisture excess of residential buildings in Finland**

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### **Kaheksa uut tenuuriprofessorit**

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### **A review of non-residential building renovation and improvement of energy efficiency: office buildings in Finland, Sweden, Norway, Denmark, and Germany**

**Kiviste, Mihkel**; Musakka, Sami; **Ruus, Aime**; Vinha, Juha Energies 2023 / art. 4220, 26 p <https://doi.org/10.3390/en16104220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Strength- and moisture-related studies of historical building materials: A case study from Southern Estonia**

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