

Behaviour of insulation materials in timber frame assemblies exposed to fire [Online resource]

Tiso, Mattia; Just, Alar WCTE 2016 : World Conference on Timber Engineering : August 22-25, 2016, Vienna, Austria : e-book, full papers 2016 / p. 3884-3891 : ill <http://shop.tuverlag.at/de/the-world-conference-on-timber-engineering>

Betoonkonstruktsioonid

Sumbak, Allan; Otsmaa, Vello 2006 https://www.ester.ee/record=b2231963*est

Deposition and characterization of refractory cermet particle reinforced Ni-based PTA hardfacings

Zikin, Arkadi; Yung, Der-Liang; Hussainova, Irina; Danninger, Herbert; Pirso, Jüri; Gavrilović-Wohlmuther, A. Proceedings of the 18th PLANSEE Seminar, 2013 2013

Design criteria for insulation materials applied in timber frame assemblies

Tiso, Mattia; Just, Alar Journal of Structural Fire Engineering 2018 / p. 252 - 263 <https://doi.org/10.1108/JSFE-01-2017-0015> [Journal metrics at Scopus](#) [Article at Scopus](#)

Design methods for wood-based I-joists exposed to fire - State-of-the-art and improvements

Mäger, Katrin Nele; Just, Alar 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme 2019 / p. 1343-1354 <http://www.intersciencecomms.co.uk/html/conferences/Interflam/if19/Interflam%202019%20Table%20of%20Contents.pdf>

Design of separating function - state of the art

Just, Alar; Tiso, Mattia; Fragiaco, Massimo Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 62-64

Effect of mineral wool insulations on charring of timber members

Just, Alar; Schmid, Joachim WCTE : World Conference on Timber Engineering : New Zealand, Auckland, 15-19 July 2012 2012 / [7] p. : ill

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine

Loorits, Kalju 2006 https://www.ester.ee/record=b2229737*est

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine

Loorits, Kalju 2007 https://www.ester.ee/record=b2332078*est

Eurokoodeks 4 : terasest ja betoonist komposiitkonstruktsioonide projekteerimine

Loorits, Kalju 2008 https://www.ester.ee/record=b2361524*est

Eurokoodeks 4 : terasest ja betoonist komposiitkonstruktsioonide projekteerimine

Loorits, Kalju 2008 https://www.ester.ee/record=b2361523*est

Eurokoodeks 5: Puitkonstruktsioonide projekteerimine

Õiger, Karl; Just, Elmar-Jaan; Just, Alar 2006 https://www.ester.ee/record=b2229119*est

Eurokoodeks 6 : kivikonstruktsioonide projekteerimine

Voltri, Väino 2008 https://www.ester.ee/record=b2361527*est

Eurokoodeks 6: Kivikonstruktsioonide projekteerimine

Voltri, Väino 2007 https://www.ester.ee/record=b2261174*est

Fire design of cross-laminated timber and glulam rib panels

Kleinhenz, Miriam; Just, Alar; Frangi, Andrea Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 32-33 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

The influence of thermal dilution on the microstructure evolution of some combustion-synthesized refractory ceramic composites

Aydinyan, Sofiya; Kharatyan, Suren; Hussainova, Irina Crystals 2022 / art. 59 <https://doi.org/10.3390/cryst12010059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Material properties of clay and lime plaster for structural fire design

Liblik, Johanna; Küppers, Judith; Just, Alar; Maaten, Birgit; Pajusaar, Siim Fire and materials 2021 / p. 355-365 : ill <https://doi.org/10.1002/fam.2798> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling the fire resistance of cross-laminated timber rib panels

Kleinhenz, Miriam; Palma, Pedro; Just, Alar; Frangi, Andrea Fire and Materials 2024 / P. 725 - 736 <https://doi.org/10.1002/fam.3226> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parameters influencing the behaviour of timber frame assemblies exposed to fire, development of new design criteria for insulation materials

Tiso, Mattia; Just, Alar Structures in Fire 2016 : proceedings of the Ninth International Conference 2016 / p. 659-666

Procedure for implementing new materials to the component additive method

Mäger, Katrin Nele; Just, Alar; Schmid, Joachim; Werther, Norman; Klippel, Michael; Brandon, Daniel; Frangi, Andrea Fire safety journal 2019 / p. 149-160 : ill <https://doi.org/10.1016/j.firesaf.2017.09.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Production of hard refractory compounds on base of aluminium and boron carbide powders

Kommel, Lembit; Kollo, Lauri World PM2010 proceedings. Vol. 2, Sintering, Secondary and Finishing Operations, Full Density and Alternative Consolidation 2010 / p. 337-343
https://www.researchgate.net/publication/272160638_Production_of_Hard_Refractory_Compounds_on_Base_of_Aluminum_and_Boron_Carbide_Powders

Protective effect of clay plaster for the fire design of timber constructions [Electronic resource]

Liblik, Johanna; Just, Alar REHAB 2015 : Proceedings of the 2nd International Conference on Preservation, Maintenance and Rehabilitation of Historical Buildings and Structures : Porto, Portugal, 22-24 July. Volume 1 2015 / p. 745-754

Puit on turvaline, kuna teame, kuidas see põleb

Vilk, Urve Äripäev 2020 / Lk. 25-26 <https://dea.digar.ee/article/apehitus/2020/10/29/21.1>

Puitkonstruktsioonid

Just, Alar; Just, Elmar-Jaan; Õiger, Karl 2003 https://www.ester.ee/record=b1822148*est

Puitkonstruktsioonid. Osa 1.2, Tulepüsisvus : Eesti projekteerimisnormid, EPN 5.1.2

Just, Alar; Just, Elmar-Jaan; Õiger, Karl ET-kartoteek : Eesti ehitusteave. ET-1 2001 / ET-1 0113-0361, 16 lk

Reliability based design method for buckling of steel columns in fire

Kervalishvili, Andrei; Talvik, Ivar Journal of Structural Fire Engineering 2020 / p. 167 - 187 <https://doi.org/10.1108/JSFE-12-2018-0041> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Room fire test with walls and floors with I-joists

Mäger, Katrin Nele; Just, Alar; Persson, Tommy; Wikner, Alfred; Olofsson, Robert Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 34-35 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

Small-scale experimental investigations with engineered wood in fire

Nurk, Jane Liise; Just, Alar; Sterley, Magdalena Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 36-37 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

Structuration of refractory metals tantalum and niobium using modified equal channel angular pressing technique

Omranpour Shahreza, Babak Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 103-108 : ill <https://www.scientific.net/KEM.799.103> https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799.103> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Zero-strenght layers for timber frame assemblies in a standard fire

Tiso, Mattia; Just, Alar; Klippel, Michael; Schmid, Joachim; Brandon, Daniel International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 407-420 : ill

Teraskonstruktsioonid

Idnurm, Siim; Loorits, Kalju 2003 https://www.ester.ee/record=b1860540*est

The effect of birch (Betula pendula Roth) face veneer thickness on the reaction to fire properties of fire-retardant treated plywood

Alao, Percy Festus; Dembovski, Karl Harold; Rohumaa, Anti; Ruponen, Jussi; **Kers, Jaan** Construction and building materials 2024 / art. 136242 <https://doi.org/10.1016/j.conbuildmat.2024.136242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Некоторые свойства износостойких эмалевых покрытий, содержащих тугоплавкие карбиды

Arensburger, Daniil; Pirso, Jüri Свойства и технология изготовления износостойких материалов 1980 / с. 3-9 : илл https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Электромагнитная установка для испытания огнеупорных материалов на устойчивость к движущемуся жидкому металлу

Kont, Alar; Tiismus, Hugo X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 67 https://www.ester.ee/record=b1749611*est
<http://www.digar.ee/id/nlib-digar:376945>