

Alternative approach to buckling of square hollow section steel columns in fire

Kervališvili, Andrei; Talvik, Ivar Journal of constructional steel research 2014 / p. 140-150 : ill <https://doi.org/10.1016/j.jcsr.2013.11.018>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of fire-retardant treatments and their impact on the fire performance and bonding properties of aspen and silver birch veneers

Alao, Percy Festus; Olusoji, Adekunle; Kallakas, Heikko; Just, Alar; Kers, Jaan European journal of wood and wood products 2025 / art. 66 <https://doi.org/10.1007/s00107-025-02223-1>

Behavior of wooden based insulations at high temperatures

Tiso, Mattia; Just, Alar; Mäger, Katrin Nele Energy procedia 2016 / p. 729-737 : ill <https://doi.org/10.1016/j.egypro.2016.09.135>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Betoonkonstruktsioonid

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

Charring behaviour of cross laminated timber with respect to the fire protection, comparison of different methods

Tiso, Mattia; Schmid, Joachim; Fragiaco, Massimo Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 58-61 : ill

Charring performance of timber structures protected by traditional lime-based plasters

Liblik, Johanna; Nurk, Meeri; Just, Alar Construction and building materials 2022 / art. 128572
<https://doi.org/10.1016/j.conbuildmat.2022.128572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CLT compartment test in Estonia

Mäger, Katrin Nele Fire design models for Europe : expert meeting 2018 / p. 80-96 : ill [Expert meeting...](#)

CLT protected by gypsum boards : design models

Just, Alar; Mäger, Katrin Nele; Kraudok, Kairit Fire design models for Europe : expert meeting 2018 / p. 62-74 : ill [Expert meeting...](#)

Comparison of test results and the Reduced Cross-Section Method using a zero-strength layer

Schmid, Joachim; Klippel, Michael; Just, Alar; Brandon, Daniel Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 51-53 : ill

Comparison of the fire resistance of timber members in tests and calculation models

Schmid, Joachim; Klippel, Michael; Just, Alar; Frangi, Andrea CIB-W18 2013, International Council for Research and Innovation in Building and Construction, Working Commission W18 - Timber Structures, Meeting 46, 26-29 August 2013 2013
https://www.researchgate.net/publication/326804697_Comparison_of_the_fire_resistance_of_timber_members_in_tests_and_calculation_models

Correlation of the fire resistance time of fire doors and the structure of the doors

Lausmaa, Toomas Extended abstracts : 2011 Baltic Heat Transfer Conference : 6-th BHTC : August 24-26, 2011 in Tampere, Finland 2011 / p. 52

Design guidelines of CLT external wall based on stochastic analysis

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; Ge, Hua Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 40-41 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

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 model for the load-bearing capacity : effective cross-section method

Klippel, Michael; Just, Alar Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 2018 / p. 36- 60 : ill [Guidance on Fire design of CLT including best practise](#)

Design parameters for timber members protected by clay plaster at elevated temperatures

Liblik, Johanna; Just, Alar International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 375-389 : ill

Determination of design fires in compartments with combustible structure – modification of existing design equations

Schmid, Joachim; Fahrni, Reto; Frangi, Andrea; Werther, Norman; Brandon, Daniel; Just, Alar Proceedings : meeting 52 : 26-29 August 2019, Tacoma WA, USA 2020 / p. 509-511 <https://doi.org/10.3929/ethz-b-000396127>

Development of fire design models for timber frame assemblies. State of the art AD2018

Just, Alar Timber : bonds, connections and structures : commemorative publication honoring Simon Aicher on the occasion of his 65th birthday 2018 / p. 317–330

Effective cross-section method for timber frame assemblies – definition of coefficients and zero-strength layers

Tiso, Mattia; Just, Alar; Schmid, Joachim; Klippel, Michael Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 20-24 : ill [Fire Safe Use of Bio-Based Building Product](#)

Effective cross-sectional method for timber frame assemblies - definition of coefficients and zero strength layers

Tiso, Mattia; Just, Alar; Schmid, Joachim; Klippel, Michael Fire and materials 2018 / p. 897-913 : ill <https://doi.org/10.1002/fam.2645>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ehitusmaterjalide tuldpidavusest

Eesti Tuletõrje 1940 / lk. 118-119, 132

Ehitusmäärused maal : [tuleõnnetuste ärahoidmiseks]

Eesti Tuletõrje 1933 / lk. 214-215

Estonia - Fire safety regulations and research

Just, Alar; Jälas, Raido Bio-based Building Products and Fire Safe Design of Buildings - Recent Developments : book of abstracts 2015 / p. 9-10 <https://ethz.ch/content/dam/ethz/special-interest/baug/ibk/costfp1404-dam/documents/N076-05-Book-of-abstracts-meeting-in-BCN.pdf>

Eurocode 5 – 2nd generation – fire design

Just, Alar; Frangi, Andrea; Hakkarainen, Jouni; Schmid, Joachim; Werther, Norman; Krenn, Harald; Blondeau, Renaud 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 64-73 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Eurokoodeks 2 : betoonkonstruktsioonide projekteerimine

Pello, Johannes 2008 https://www.ester.ee/record=b2361517*est

Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design

2019 https://www.ester.ee/record=b5272946*est

Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design

2019 https://www.ester.ee/record=b5272947*est

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

Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations

Tiso, Mattia; Just, Alar; Schmid, Joachim; Mäger, Katrin Nele; Klippel, Michael Fire safety journal 2019 / p. 137-148 : ill <https://doi.org/10.1016/j.firesaf.2019.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of the Component Additive Method until 90 minutes fire exposure

Rauch, Michael; Morelli, Maria Flavia; Wearther, Norman; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire

Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 87-90 : ill [Fire Safe Use of Bio-Based Building Product](#)

Execution of timber structures and fire [Online resource]

Just, Alar; Brandon, Daniel; Noren, Joakim WCTE 2016 : World Conference on Timber Engineering : August 22-25, 2016, Vienna, Austria : e-book, full papers 2016 / p. 5555-5562 : ill <http://shop.tuverlag.at/de/the-world-conference-on-timber-engineering>

Experimental analysis of cross-laminated timber rib panels at normal temperature and in fire

Kleinhenz, Miriam; **Just, Alar**; Frangi, Andrea Engineering structures 2021 / art. 113091, 14 p. : ill <https://doi.org/10.1016/j.engstruct.2021.113091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fall-off times of gypsum boards

Kraudok, Kairit; **Mäger, Katrin Nele**; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 83-86 : ill [Fire Safe Use of Bio-Based Building Product](#)

Fire and mechanical properties of hemp and clay boards for timber structures

Kallakas, Heikko; **Liblik, Johanna**; **Alao, Percy Festus**; **Poltimäe, Triinu**; **Just, Alar**; **Kers, Jaan** IOP conference series : earth and environmental science Central Europe towards Sustainable Building (CESB19) 2–4 July 2019, Prague, Czech Republic 2019 / art. 012019, 8 p. : ill <https://doi.org/10.1088/1755-1315/290/1/012019> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fire design model for timber frame assemblies with rectangular and I-shaped members

Mäger, Katrin Nele; **Tiso, Mattia**; **Just, Alar** Wood & Fire Safety : proceedings of the 9th International Conference on Wood & Fire Safety 2020 2020 / p. 268–274 https://doi.org/10.1007/978-3-030-41235-7_40

Fire design of CLT in Europe

Östman, Birgit; Schmid, Joachim; Klippel, Michael; **Just, Alar**; Werther, Norman; Brandon, Daniel Wood and Fiber Science 2018 / p. 68-82 <https://doi.org/10.22382/wfs-2018-041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Fire performance of CLT – a task group report of COST Action FP1404

Klippel, Michael; Schmid, Joachim; Werther, Norman; **Just, Alar** Fire performance of CLT – A Task Group Report of COST Action FP1404 2018 / p. 65-71 [Fire Safe Use of Bio-Based Building Product](#)

Fire protection provided by insulation materials - a new design approach for timber frame assemblies

Tiso, Mattia; **Just, Alar** Structural engineering international 2017 / p. 231-237 <https://doi.org/10.2749/101686617X14881932435899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire resistance of timber frame assemblies with cavities partially filled by insulation materials [Online resource]

Tiso, Mattia; **Just, Alar** Structures in Fire, SiF'2018 : 10th International Conference on Structures in Fire 2018 / p. 233-240 : ill <http://www.structuresinfire.com/corpo/conferences/sif18.pdf>

Fire safety in timber buildings

Buchanan, Andrew; Dunn, Andrew; **Just, Alar**; Klippel, Michael; Maluk, Christian; Östman, Birgit; Wade, Colleen Fire safe use of wood in buildings : global design guide 2022 / p. 33-62 : ill <https://doi.org/10.1201/9781003190318-2>

Fire tests on glued-laminated timber beams with specific local material properties

Fahmi, Reto; Klippel, Michael; **Just, Alar**; Ollinoc, A.; Frangi, Andrea Fire safety journal 2019 / p. 161-169 : ill <https://doi.org/10.1016/j.firesaf.2017.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire-separating assemblies

Werther, Norman; Dagenais, Christian; **Just, Alar**; Wade, Colleen Fire safe use of wood in buildings : global design guide 2022 / p. 193-226 : ill <https://doi.org/10.1201/9781003190318-6>

Guidance Documents for Fire Design of Timber Structures produced in WG2 of COST ACTION FP 1404

Klippel, Michael; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 57-59 [Fire Safe Use of Bio-Based Building Product](#)

Guidance for implementation of materials and products in fire design methods of timber frame assemblies : COST Action FP1404 : Version 1

2018 [Guidance for implementation...](#)

Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 [Online resource]

2018 [Guidance on Fire design of CLT including best practise](#)

An improved design model for fire exposed cross laminated timber

Schmid, Joachim; Klippel, Michael; Frangi, Andrea; **Just, Alar**; **Tiso, Mattia** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 475-477 : ill

Improved fire design models for timber frame assemblies - guidance document COST Action FP1404 : version 1

2018 [Improved fire design models...](#)

Influence of adhesives on fire resistance of wooden i-joists

Mäger, Katrin Nele; **Just, Alar**; Sterley, Magdalena; Olofsson, Robert World Conference on Timber Engineering 2021, WCTE 2021 2021 / p. 1172–1179 <http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1623381&dswid=-1253>

Influence of internal pressure on hollow section steel members in fire

Kervalishvili, Andrei; **Talvik, Ivar** Applied sciences 2023 / art. 149 <https://doi.org/10.3390/app14010149>

Katusepapi tulekindlusest

Tuletõrje Teated 1928 / lk. 70-71

Komposiitkonstruktsioonid, Osa 1.2, Tulepüsivus : Eesti projekteerimisnormid, EPN-ENV 4.1.2 : (eelnõu) : välja antud detsember 1997

Loorits, Kalju ET-kartoteek : Eesti ehitusteave. ET-1 1997 / ET-1 0113-0215, 35 lk

Komposiitkonstruktsioonide käitumine membraanina tulekahjus : projekteerimisjuhised

Vassart, O.; Zhao, B.; **Talvik, Ivar** 2012 http://www.ester.ee/record=b4761433*est

Komposiitkonstruktsioonide käitumine membraanina tulekahjus : teoreetilised alused

Vassart, O.; Zhao, B.; **Talvik, Ivar** 2012 http://www.ester.ee/record=b4761436*est

Komposiitkonstruktsioonide tulepüsivuse arvutusnäiteid : abimaterjal EPN-ENV 4.1.2 kasutajale EPN 4/AM-1 : välja antud märts 1999

Loorits, Kalju ET-kartoteek : Eesti ehitusteave 1999 / ET-2 0113-0274, 35 lk. : ill

Kuidas muuta puitainet tuldmittevõtvaks

Prükkel, R. Tehnika Kõigile 1936 / lk. 164

Leegikaitse segusid ja võõpu kasutamiseks koduses majapidamises

Umbliia, E. Õhu- ja gaasikaitse 1939 / lk. 211

Leegikaitsevõõpadest

Jürgenson, L. Tehnika Ajakiri 1940 / lk. 94-101 : joon., fot

[Leo Jürgensoni referaadist "Ameerika tulekindlatest ehitustest"]

Tehnika Ajakiri 1935 / lk. 67

Looduslik krohv aitab tagada ajalooliste puitmajade tulepüsivust

Liblik, Johanna; **Just, Alar** Ehitaja 2018 / lk. 42-46 : fo http://www.ester.ee/record=b1072123*est

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](#)

Mikspärast on tuletõrjujal tarvis tunda ehitusi ja ehituse materjale?

Eesti Tuletõrje 1933 / lk. 58-59

Mis on tulekindel?

Tuletõrje Teated 1932 / lk. 54-55

Modified procedure for buckling of steel columns at elevated temperatures

Kervalishvili, Andrei; **Talvik, Ivar** Journal of Constructional Steel Research 2016 / p. 108 - 119

<https://doi.org/10.1016/j.jcsr.2016.07.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Märkmeid Tallinna ehitusmääruse kohta

Grauen, A. Eesti Tuletõrje 1933 / lk. 151-153

Parametric fire design - zero-strength-layers and charring rates

Brandon, Daniel; **Just, Alar**; Lange, David; **Tiso, Mattia** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 391-405 : ill

Performance of constructions with clay plaster and timber at elevated temperatures

Liblik, Johanna; **Just, Alar** Energy procedia 2016 / p. 717-728 : ill <https://doi.org/10.1016/j.egypro.2016.09.133> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Performance of timber structures protected by traditional plaster systems in fire = Traditsioonilise krohvisüsteemiga kaetud puitkonstruktsioonide tulepüsivus

Liblik, Johanna 2023 <https://doi.org/10.23658/taltech.23/2023> <https://digikogu.taltech.ee/et/Item/04402806-2eda-4ebe-a5bc-54d1815ec49d> https://www.ester.ee/record=b5561689*est

Post-protection behaviour of wooden wall and floor structures completely filled with glass wool

Just, Alar Structures in Fire : proceedings of the 6th International Conference (SiF'10) : June 2-4, 2010, East Lansing, MI 2010 / p. 584-592 <https://www.diva-portal.org/smash/get/diva2:962546/FULLTEXT01.pdf>

Preliminary design model for wooden I-joists in fire

Mäger, Katrin Nele; **Just, Alar** Proceedings : meeting 52 : 26-29 August 2019, Tacoma WA, USA 2020 / p. 393-406 <https://d-nb.info/1201121965/04>

Preservation of historic wooden buildings with traditional surface finishes

Liblik, Johanna; **Arumägi, Endrik**; **Just, Alar**; Küppers, Judith New Horizons in the Conservation of Wooden Built Heritage 21st IWC Symposium, York 2018, 12 - 15 September 2018, York, UK 2019 / p. 150-158 . ill <https://static1.squarespace.com/static/5cad2053da50d37b4c2cfd70/t/5d06ee5635c9720001f32a5b/1560735355161/York+Proceedings+3.pdf>

Professor Alar Just: peame õppima puitu optimaalsemalt kasutama

Just, Alar ehitusleht.ee 2025 <https://ehitusleht.ee/professor-alar-just-peame-oppima-puitu-optimaalsemalt-kasutama/>

Properties of clay plaster for the fire design of timber structures

Liblik, Johanna; **Just, Alar**; Küppers, Judith LEHM 2020 Tagungsbeiträge der 8. Internationalen Fachtagung für Lehm-bau =8th International Conference on Building with Earth, 30. Oktober – 1. November 2020 : Online 2020 / 10 p. : ill https://www.dachverband-lehm.de/lehm2020_online/pdf/lehm2020_b_liblik-just-kueppers_en.pdf

Protection by fire rated claddings in the Component Additive Method

Mäger, Katrin Nele; **Just, Alar**; Frangi, Andrea; Brandon, Daniel International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 439-451 : ill

Protection by gypsum plasterboards - state of the art

Just, Alar; **Kraudok, Kairit**; Schmid, Joachim; Östman, Birgit Proceedings of the 1st European Workshop Fire Safety of Green Buildings : Berlin, Germany, 6-7 October 2015 2015 / p. 107-110 : ill

Puidu immutamisest leegikindlate segudega

Pääro, K. Õhu- ja gaasikaitse 1940 / lk. 18 : fot

Puidu keemiline leegikaitse

Umbliia, E. Eesti Tuletõrje 1938 / 4, lk. 134-136; 5, lk. 173-175 : joon., fot

Puidu süttimiskindlaks tegemisest

Tehnika Kõigile 1936 / lk. 230

Puidukaitse värv

Tehnika Kõigile 1938 / lk. 243

Puit- ja puidupõhised konstruktsioonid : õpik kõrgkoolidele

Just, Elmar-Jaan; **Õiger, Karl**; **Just, Alar** 2015 https://www.ester.ee/record=b4535150*est

Puit- ja puidupõhised konstruktsioonid : õpik kõrgkoolidele

Just, Elmar-Jaan; **Õiger, Karl**; **Just, Alar** 2018 https://www.ester.ee/record=b5159583*est

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>

Puitehitiste tulekaitse-immutamine ja -võõpamine

Lindvere, P. Politseileht 1940 / lk. 44-47 : joon., fot

Puitehitiste tulekaitsevõõpamisest

Vaharo, RLindvere, P. Tehnika Kõigile 1940 / lk. 146-147

Puitehitiste tulekaitsevõõpamisest

Vaharo, RLindvere, P.; Lindvere, P. Sama // Õhu- ja gaasikaitse (1940) 5/6, lk. 178-179

Puu ehitusmaterjalina - tulekaitse seisukohalt vaadates

Tuletõrje Teated 1932 / lk. 37-38

Puu kaitsmine tule vastu keemiliste vahenditega

Kalender-käsiraamat ehitustegelasele 1939 1938 / lk. 52-53

Puu kaitsmine tulehädadohu eest

Drogistide Teataja 1929 / 11, 1 lk

Puu rauast tulekindlam : [puuehitiste tulekindlusest]

Tuletõrje Teated 1928 / lk. 15

Puuehituste tulele-vastupidavus

Eesti Tuletõrje 1934 / lk. 51-52

Puukonstruktsioonid tööstusehitustele

Tuletõrje Teated 1928 / lk. 170

Puuosade tulekaitse

Eesti Tuletõrje 1937 / lk. 112

Raudbetoonkonstruktsioonid. Osa 1.2, Tulepüsivus : Eesti projekteerimisnormid, EPN 2.1.2

Sumbak, Allan ET-kartoteek : Eesti ehitusteave. ET-1 2001 / ET-1 0113-0394, 27 lk

Recent advances in additive manufacturing of refractory high entropy alloys (RHEAs): A critical review

Yarlapati, Akshaya; Aditya, Y. N.; Kumar, Deepak; Vikram, Raja Jothi; Yadav, Mayank Kumar; Reddy, Kallam Shekhar; Prashanth, Konda Gokuldoss Journal of alloys and metallurgical systems 2024 / art. 100120 <https://doi.org/10.1016/j.james.2024.100120>

Review and analysis of fire resistance tests of timber members in bending, tension and compression with respect to the Reduced Cross-Section Method

Schmid, Joachim; Klippel, Michael; Just, Alar; Frangi, Andrea Fire safety journal 2014 / p. 81-99 : ill

Rohkem tähelepanu tulekindlatele katustele

Grauen, A. Tuletõrje Teated 1932 / lk. 172

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>

Simulation of the fire resistance of cross-laminated timber (CLT)

Schmid, Joachim; Klippel, Michael; Just, Alar; Frangi, Andrea; Tiso, Mattia Fire technology 2018 / p. 1113–1148 : ill <https://doi.org/10.1007/s10694-018-0728-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Small-scale assessment method for the fire resistance of historic plaster system and timber structures

Liblik, Johanna; Just, Alar Fire and materials 2023 / p. 62–74 : ill <https://doi.org/10.1002/fam.3069> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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>

Small-scale test method for the fire behaviour of wood adhesive bonds in CLT

Sterley, Magdalena; Noren, Joakim; Liblik, Johanna; Brandon, Daniel; Just, Alar Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 91-97 : ill [Fire Safe Use of Bio-Based Building Product](#)

Solutions for reducing (minimizing) firefighting truck repairs in EU countries and in Latvia in particular

Politika, V.; Pundure, J.; **Järvis, Marina** Engineering for rural development 2024 / vol. 23 p. 870-880
<https://doi.org/10.22616/ERDev.2024.23.TF172> Conference proceedings at Scopus Article at Scopus

**Structural fire design of timber frame assemblies insulated by glass wool and covered by gypsum plasterboards =
Klaasvillaga täidetud ning kipsplaatidega kaetud puittarindite tulepüsivus**
Just, Alar 2010 https://www.ester.ee/record=b2634535*est

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

Tehnikaülikooli teadlased aitavad puitmaju tulekindlaks ehitada
Just, Alar Äripäev 2019 / Ehitusuudised, lk. 16

Tehnikaülikooli teadlaste uuring aitab ehitada puitmaju tulekindlamaks [Võrguväljaanne]
Himma, Marju novaator.err.ee 2019 / fot [Tehnikaülikooli teadlaste uuring aitab ehitada puitmaju tulekindlamaks](https://www.ester.ee/record=b2634535*est)

Teraskonstruksiooni tulepüsivuse hindamisest
Loorits, Kalju Ehitaja 2002 / 11, lk. 14-17 : ill https://artiklid.elnet.ee/record=b1011183*est

Teraskonstruksioonid. Osa 1.2, Tulepüsivus : Eesti projekteerimismid, EPN-ENV 3.1.2 : (eelnõu) : välja antud juuli 1995
Idnum, Siim ET-kartoteek : Eesti ehitusteave. ET-1 1995 / ET-1 0113-0088, 24 lk.: ill

Teraskonstruksioonide tulepüsivus : arvutusnäited : Eesti projekteerimismid, EPN-ENV 3.1.2 : (eelnõu) : välja antud september 1998
Loorits, Kalju ET-kartoteek : Eesti ehitusteave. ET-2 1998 / ET-2 0113-0244, 24 lk

Teraskonstruksioonide tulepüsivusest
Loorits, Kalju Ehitaja 2001 / 10, lk. 38-40 : ill https://artiklid.elnet.ee/record=b1007853*est

Termo-katted : [tulekaitse-krohvid]
Eesti Tuletõrje 1937 / lk. 132-133

**The contribution of cavity insulations to the load-bearing capacity of timber frame assemblies exposed to fire =
Isolatsioonimaterjalide panus puitkarkass-seinte ja vahelagede kandevõimele tules**
Tiso, Mattia 2018 <https://digi.lib.ttu.ee/i/?10380> https://www.ester.ee/record=b5148516*est

The reduced cross-section method for evaluation of the fire resistance of timber members : discussion and determination of the zero-strength layer
Schmid, Joachim; **Just, Alar;** Klippel, Michael; Fragiaco, Massimo Fire technology 2015 / P. 1285-1309 : ill
<https://doi.org/10.1007/s10694-014-0421-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tulekindlatest tarindusviisidest
Jürgenson, Leo 1939 https://www.ester.ee/record=b1413309*est

Tulekahjumatse julgustab CLT-lahendusi
Just, Alar EhitusEST 2018 / lk. 24-26 : ill http://www.ester.ee/record=b4442657*est https://artiklid.elnet.ee/record=b2866689*est

Tulekaitse - Tallinnas : ehitusmäärused
Tuletõrje Teated 1932 / lk. 55-58

Tulekindel ehitusaine siporex
Tehnika Kõigile 1938 / lk. 302 : joon., fot

Tulekindel ehitusviis "Nopsa"
Grauen, Andres; Alver, Valter 1936 https://www.ester.ee/record=b1208510*est <https://digikogu.taltech.ee/et/Item/ba07ace8-de1f-41b4-81e4-951aa53ba47b>

Tulekindel katuslagi siporex-plaatidest
Tehnika Kõigile 1939 / lk. 141 : fot

Tulekindel puu
Eesti Tuletõrje 1939 / lk. 256

Tulekindla ehitusmaterjali levitamise määrus

Riigi Teataja 1937 / 75, art. 629, lk. 1421-1422

Tulekindla ehitusmaterjali levitamise määrus

Sama // Piimanduse kalender-käsiraamat 1938. Tallinn, 1937, lk. 81-83

[Tulekindlad, tuldtökestavad ja raskesti tuldvõtvad ehitusmaterjalid]

Tehnika Kõigile 1936 / lk. 163

Tulekindlalt puidust

Just, Alar Ehitaja 2001 / 9, lk. 35-37 : ill https://artiklid.elnet.ee/record=b1007471*est

Tulekindlate ehitusmaterjalide propageerimine Tallinna Põllumajanduse Näitusel

Eesti Kalandus 1939 / lk. 199

Tulekindlate vaheseinte ehitamisest

Veski, A. Tehnika Kõigile 1938 / lk. 229-232 : joon

Tulekindlate välisseinte soojusisolatsioonist

Veski, A. Tehnika Kõigile 1937 / lk. 73-76 : joon

Tulekindlatest ehitustest

Eesti Tuletõrje 1934 / lk. 90 : joon

Tulekindlatest ehitustest

Grauen, A. Maaomavalitsus 1935 / lk. 103-105

Tulekindlatest katustest

Grauen, A. Eesti Tuletõrje 1933 / lk. 90-91

Tulekindlatest lagedest

Jürgenson, L. Tehnika Ajakiri 1935 / lk. 1-6 : joon

Tulekindlatest taluehitustest

Volberg, A. Tehnika Põllumajanduses 1929 / lk. 123-127 : joon

Tulekindlatest tarindusviisidest : [välis- ja vaheseina tarindusviiside võrdlus]

Jürgenson, Leo Tehnika Ajakiri 1938 / lk. 289-302 : joon., fot <https://digikogu.taltech.ee/et/Item/149d4e66-a7e9-4d49-b815-c1eaac0ce37a>
https://www.ester.ee/record=b1218186*est

Tulekindlatest tarindusviisidest : [välis- ja vaheseina tarindusviiside võrdlus]

Jürgenson, Leo Teine üleriigiline ehituspäev : Tallinnas, 8. novembril 1938. a. 1939 / lk. 14-27 : joon., fot
https://www.ester.ee/record=b1611527*est

Tuletõkkeukse tulepüsisusaja sõltuvus ukse ehitusest

Lausmaa, Toomas Keskkonnatehnika 2011 / 1, lk. 31-36 : ill https://artiklid.elnet.ee/record=b2270785*est

Uus ehitusaines - "gaasbetoonsiporex"

Tehnika Kõigile 1936 / lk. 133

Uus tulekindel ehitusmaterjal eterniit

Tehnika Kõigile 1937 / lk. 284 : fot

Uus tulekindel ehitusmaterjal siporex-gaasbetoon

Tehnika Kõigile 1937 / lk. 205

Võrumaa Sänna tulekindlad savid ja nende tehnoloogilised omadused

Althausen, G. Tehnika Ajakiri 1938 / lk. 249-250 : fot

Древесно-стружечные плиты повышенной огнестойкости и прочности

Reiska, Rein; Demidenko, Olga Синтез и применение поликонденсационных клеев. 11 1988 / с. 87-93

Оценка огнестойкости стальных конструкций

Loorits, Kalju Строитель 2003 / 1, с. 12-15 https://artiklid.elnet.ee/record=b1012101*est

Повышение огнестойкости древесно-стружечных плит

Reiska, Rein; Demidenko, Olga Синтез и применение поликонденсационных клеев. 10 1987 / с. 92-99