

Adding waste paper to clay plaster to raise its ability to buffer moisture

Nutt, Nele; Kubjas, Ardo; Nei, Lembit Proceedings of the Estonian Academy of Sciences 2020 / p. 179–185 : ill

<https://doi.org/10.3176/proc.2020.3.01> https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Al₂O₃/TiO₂ ratio of the clay fraction of Late Ordovician–Silurian carbonate rocks as an indicator of paleoclimate of the Fennoscandian Shield

Kiipli, Enli; Kiipli, Tarmo; Kallaste, Toivo; Siir, Sven Palaeogeography, palaeoclimatology, palaeoecology 2012 / p. 312-320 : ill

<https://www.sciencedirect.com/science/article/pii/S0031018212005494>

Arumetsa karjäärist saab Eesti sügavaim tehisveekogu

Kõpp, Vesta; Niitlaan, Erki Kaevandamine parandab maad 2007 / lk. 31-33 : ill

Clay

Pirrus, Enn-Aavo Estonian mineral resources 1994 / p. 49-51: ill

Clay

Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 360-364: ill

Comparison of dehydration in kaolin and illite using DC conductivity measurements

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štuba, Igor; Bošak, Ondrej; Kaljuvee, Tiit Applied clay science 2017 / p. 8–12 : ill

<https://doi.org/10.1016/j.clay.2017.08.012>

DC conductivity of illitic clay after various firing

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štubna, Igor; Bošak, Ondrej; Kaljuvee, Tiit; Bačik, Peter Journal of thermal analysis and calorimetry 2016 / p. 81-86 : ill

<http://dx.doi.org/10.1007/s10973-015-5129-4>

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 clay-sand plaster hygrothermal performance : influence of different types of clays on sorption and water vapour permeability

Altmäe, Erik; Ruus, Aime; Raamets, Jane; Tungel, Ernst Cold Climate HVAC 2018 : Sustainable buildings in cold climates :

proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 945-955

https://doi.org/10.1007/978-3-030-00662-4_80

Determination of hygrothermal performance of clay-sand plaster : influence of covering on sorption and water vapour permeability

Vares, Olgerd; Ruus, Aime; Raamets, Jane; Tungel, Ernst Energy procedia 2017 / p. 267-272 : ill

<https://doi.org/10.1016/j.egypro.2017.09.719>

Development of Young's modulus of illitic clay during heating up to 1100 °C

Hulan, Tomaš; Trnik, Anton; Štubna, Igor; Bačik, Peter; Kaljuvee, Tiit; Vozar, Libor Medžiagotyra = Materials science 2015 / p. 429-

434 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7152>

Dock foundations on soft clays : submitted ... for the degree of doctor of science

Jürgenson, Leo 1929 http://www.ester.ee/record=b3603311*est

Eesti savide tehnoloogilised omadused. I.

Jaakson, Erich Tallinna Tehnikumi juures asuva Riiklise Katsekoja Teated 1925 / lk. 25-31 https://www.ester.ee/record=b1321214*est

Eesti savikeskus 1992-1993

Pirrus, Enn-Aavo Eesti Teaduste Akadeemia Toimetised. Geoloogia 1994 / 4, lk. 208-209 https://artiklid.elnet.ee/record=b2390183*est

Eesti Savikeskus ja Saviühing

Pirrus, Enn-Aavo Bülletään / Eesti Geoloogia Selts 1995 / lk. 20

Effect of fly-ash cenospheres on properties of clay-ceramic syntactic foams

Rugele, Kristine; Lehmus, Dirk; Hussainova, Irina; Peculevica, Julite; Lisnanskis, Marks; Shishkin, Andrei Materials 2017 / art. 828,

p. 1-17 : ill <http://dx.doi.org/10.3390/ma10070828>

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 /

Heating rate effect on the thermal behaviour of some clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015

Heating rate effect on the thermal behavior of some clays and their blends with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; **Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2017 / p. 33-45 : ill <https://doi.org/10.1007/s10973-016-5347-4>

Heave of piles due to pile driving in clay soils

Sinjäär, Meelis IYGE2003 : 2nd International Young Geotechnical Engineers' Conference : Constantza - Mamaia, 7-10 September, 2003 : papers 2003 / p. 47-48 : ill

Hybrid syntactic foams of metal - fly ash cenosphere - clay

Shishkin, Andrei; Mironovs, Viktors; Zemchenkov, Vjacheslav; **Antonov, Maksim; Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 35-40 : ill <http://dx.doi.org/10.4028/www.scientific.net/KEM.674.35>

Influence of oil shale ash addition on thermophysical processes in an illitic clay during heating

Csaki, Štefan; **Kaljuvee, Tiit**; Štubna, Igor; Dobron, Patrik; Vozar, Libor ECerS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9-13, 2017, Budapest, Hungary : book of abstracts 2017 / p. 579 <https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; **Uibu, Mai; Jefimova, Jekaterina** 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.19, p. 75 <http://estac12.org/download.php?f=.../download/BoA%20ESTAC12.pdf>

Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; **Uibu, Mai; Jefimova, Jekaterina** Journal of thermal analysis and calorimetry 2019 / p. 2635-2650 : ill <https://doi.org/10.1007/s10973-019-08319-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of dynamic mechanical properties of Estonian clay Arumetsa during firing

Štubna, Igor; Hulan, Tomaš; **Kaljuvee, Tiit**; Vozár, Libor Applied clay science 2018 / p. 23-28 : ill <https://doi.org/10.1016/j.clay.2017.11.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of elastic and inelastic properties of Estonian clay from a locality in Kunda during thermal treatment

Hulan, Tomaš; **Kaljuvee, Tiit**; Štubna, Igor; Trnik, Anton Journal of thermal analysis and calorimetry 2016 / p. 1153-1159 : ill <http://dx.doi.org/10.1007/s10973-016-5280-6>

Kaoliniiti sisaldavad savid - Lõuna-Eesti hinnalisemaid maavarasid

Pirrus, Enn-Aavo Liivimaa geoloogia : Tartu Ülikooli geoloogia instituudi 175. aastapäev, Eesti geoloogide teine ülemaailmne kokkutulek, Tartu 3.-6. oktoober 1995 1995 / lk. 85-94: ill

Keramsiidist IV

Pirrus, Enn-Aavo; Tallinn, Karl Häädemeeste Elu : [kihelkonnaajakiri] 1993 / lk. 43 http://ise.elnet.ee/record=b2456870~S2*est

Kunda clay pit

Kirsimäe, Kalle; **Mens, Kaisa; Miidel, Avo** 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : excursion guidebook 2007 / p. 52-53 : ill https://www.ester.ee/record=b2291671*est

Lõunapooluse jahe hingus

Mens, Kaisa; **Pirrus, Enn-Aavo** Eesti Loodus 1997 / 6, lk. 255-257: ill https://artiklid.elnet.ee/record=b2390577*est

Material properties of clay and lime based plaster for structural design

Liblik, Johanna; Just, Alar; Maaten, Birgit; Sulg, M.; **Pajusaar, Siim** 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme 2019 / p. 1813-1824 <http://www.intersciencecomms.co.uk/html/conferences/Interflam/if19/Interflam%202019%20Table%20of%20Contents.pdf>

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

Moisture buffer value of composite material made of clay-sand plaster and wastepaper

Nutt, Nele; Kubjas, Ardo Journal of sustainable architecture and civil engineering 2020 / p. 108–115

<https://doi.org/10.5755/j01.sace.27.2.25391> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mõningate Tallinna savipinnaste konsolideerumise iseärasustest

Jaaniso, Valdo; Oll, Küllu Ehitusgeoloogia kogumik. 4 1977 / lk. 155-159 : ill https://www.ester.ee/record=b1181493*est

Nõrgalt ületihenendud savi sekundaarsest konsolidatsioonist

Jaaniso, Valdo; Oll, Küllu Eesti XI geotehnika konverents : artiklite kogumik 1997 / lk. 16-19 : ill

Prefab light clay-timber elements for net zero whole-life carbon buildings : [conference paper]

Pääatalo, Juha; Kers, Jaan; Rohumaa, Anti; Alao, Percy Festus; Liblik, Johanna; Lylykangas, Kimmo Sakari 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 124-125 : ill

<https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Preliminary investigation into mechanical properties of clay reinforced with natural fibres

Peetsalu, Priidu; Resev, Jüri; Ruus, Aime; Menind, Andres; **Kers, Jaan; Sepper, Sirli;** Olt, Jüri Agronomy research 2010 / S1, p. 201-207 : ill

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- und Erdmörtelbau = 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

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>

Purdsetted [Võrguteavik]

Reinsalu, Enno; Vahtra, Helis Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 30-36 : fot

http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Rb-Sr systematics of Vendian-Cambrian claystones from the east European Platform : implications for a multi-stage illite evolution

Gorokhov, I.M.; Clauer, N.; Turchenko, T.L.; Melnikov, N.N.; Kutjavin, E.P.; **Pirrus, Enn-Aavo;** Baskakov, A.V. Chemical geology 1994 / p. 71-89: ill

Savi - meie rikkus ja vaesus

Pirrus, Enn-Aavo; Tallinn, Karl Eesti Loodus 1993 / 2, lk. 40-42; 3, lk. 106-108; 4, lk. 155-157: ill

https://artiklid.elnet.ee/record=b2390220*est

Savikarjääride bioloogiline korrastamine [Võrguteavik]

Keenberg, Liis; **Rammul, Üllar;** Timm, Uudo Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk.

262-268 : fot http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Savikarjääride ja -aukude olud ning tingimused [Võrguteavik]

Reinsalu, Enno Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 254-255 : fot

http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Savikarjääride järelkasutuse võimalused [Võrguteavik]

Keenberg, Liis; **Reinsalu, Enno** Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 257-261 : fot

http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Savikarjääride tehniline korrastamine [Võrguteavik]

Reinsalu, Enno Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 255-257 : ill

http://www.ester.ee/record=b4764891*est <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/ii/?9461>

Savipinnase kokkusurutavuse määramine katseplaadiga

Jaaniso, Valdo; Mets, M. V Eesti geotehnika konverents. Ehitusgeoloogia. Pinnasemehaanika. Vundamendiehitus : teesid 1973 / lk.

22 https://www.ester.ee/record=b1300917*est

Savispetsialistid Häädemeestele

Pirrus, Enn-Aavo Pärnu Postimees 1995 / 20. mai

Teadlane soovitab: milliseid looduslikke viimistlusmaterjale võiks värvi ja tapeedi asemel kasutada?

Traks, Kristina postimees.ee 2023 <https://teadus.postimees.ee/7711547/teadlane-soovitab-milliseid-looduslikke-viimistlusmaterjale-voiks-varvi-ja-tapeedi-asetel-kasutada>

The mineral resources of Estonia : clay

Pirrus, Enn-Aavo 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : excursion guidebook 2007 / p. 26-27 : ill https://www.ester.ee/record=b2291671*est

The study of firing of a ceramic body made from illite and fluidized bed combustion fly ash

Hulan, Tomaš; Trnik, Anton; **Kaljuvee, Tiit; Uibu, Mai; Štubna, Igor; Kallavus, Urve; Traksmäa, Rainer** Journal of thermal analysis and calorimetry 2017 / p. 79–89 : ill <https://doi.org/10.1007/s10973-016-5477-8>

Thermal behavior of ceramic bodies based on Estonian clay from the Arumetsa deposit with oil shale ash and clinker dust additives

Kaljuvee, Tiit; Uibu, Mai; Einard, Marve; Traksmäa, Rainer; Viljus, Mart; Jefimova, Jekaterina; Triikkel, Andres Processes 2022 / art. 46 <https://doi.org/10.3390/pr10010046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal behavior of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; Mikli, Valdek; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2014 / p. 891-899 : ill

Thermal behaviour of ceramic bodies based on Estonian clay from Arumetsa deposit with oil shale ash or/and clinker dust additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Uibu, Mai; Einard, Marve; Traksmäa, Rainer; Viljus, Mart; Jefimova, Jekaterina; Triikkel, Andres ICTAC 2020 : 17th International Congress on Thermal Analysis and Calorimetry : 8th Joint Czech-Hungarian-Polish-Slovakian Thermoanalytical Conference (V4 8) : 14th Conference on Calorimetry and Thermal Analysis of the Polish Society of Calorimetry and Thermal Analysis (CCTA 14), online conference, [Kraków], 29 August - 2 September 2021 : e-book of abstracts, 2021 2021 / p. 68 https://cris.vub.be/ws/portalfiles/portal/74787050/_e_Book_of_Abstracts_ICTAC2020.pdf

Thermal behaviour of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; Mikli, Valdek; Kuusik, Rein, keemik Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 231

Toimub II savikonverents

Pirrus, Enn-Aavo Eesti Sõnumid 1995 / 24. mai, lk. 6

Young's modulus of illitic clay in the temperature region of quartz transition

Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit;** Knapek, Michal Journal of thermal analysis and calorimetry 2022 / p. 7701-7707 <https://doi.org/10.1007/s10973-021-11083-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Исследование технологии изготовления бемита и его свойств (сообщение II)

Uus, Endel; Siirde, Enno Сборник статей по химии и химической технологии. 10 1964 / с. 121-127 : илл https://www.ester.ee/record=b2181961*est <https://digikogu.taltech.ee/et/Item/9569e6db-150a-42c8-bf3b-765725dfd969>

Исследование технологии сушки бемита (сообщение III)

Uus, Endel; Siirde, Enno Сборник статей по химии и химической технологии. 10 1964 / с. 129-137 : илл https://www.ester.ee/record=b2181961*est <https://digikogu.taltech.ee/et/Item/9569e6db-150a-42c8-bf3b-765725dfd969>

Минералогические особенности кембрийских глин Эстонской ССР

Reier, Alfred-Herman Труды по горному делу : сборник статей. 2 1965 / с. 3-11 https://www.ester.ee/record=b2182000*est <https://digikogu.taltech.ee/et/Item/7d7d6a5c-8a7c-422f-a553-8a633a5a3b02>

Применение лантан-ализарин-комплекса при колориметрическом определении фторида в воздухе и глинах

Luiga, Peeter; Liiv, R.; Ott, Roman; Siirde, Aino; Help, Kalju Процессы и аппараты химической технологии и технология неорганических веществ. 5 1974 / с. 63-74 : илл https://www.ester.ee/record=b1531723*est <https://digikogu.taltech.ee/et/Item/438b60cb-3265-444e-adba-b3c2c222f12a>

Рентгенографическое исследование кембрийских глин Эстонской ССР

Reier, Alfred-Herman Труды по горному делу : сборник статей. 2 1965 / с. 13-19 https://www.ester.ee/record=b2182000*est <https://digikogu.taltech.ee/et/Item/7d7d6a5c-8a7c-422f-a553-8a633a5a3b02>

Фасадная керамика на базе глин Латвийской ССР

Kisis, Elina 1956 http://www.ester.ee/record=b2154813*est

Фасадная керамика на базе глин Латвийской ССР

Kisis, Elina 1956