

FUKTCENTRUM

Välkomna

Fuktcentrums informationsdag Svenska Mässan Göteborg 2013-03-15

Lars-Erik Harderup
Föreståndare

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Tid	Program	
09:20	Välkommen Viktiga händelser under året Gamla erfarenheter Dagens huvudtema-Fuktens inverkan på energibehovet	Anders Kumlin Lars-Erik Harderup Lars-Olof Nilsson Lars-Erik Harderup
10:15	Byggfukt	Peter Brander
10:45	Kort paus med kaffe och frukt	
11:00	Energi och fukt i tegelfasader Jämförelser mellan mätningar och beräkningar av energibehov	Peter Brander Stephen Burke
12:00	Lunch	

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Tid	Program	
13:00	Resultat från mätningar och beräkningar på demonstrationshus Problem i nya lättbetonghus	Carl-Magnus Capener Anders Kumlin
14:00	Fuktens inverkan på energibehovet i nya byggnader Vatteninträngning genom sprickor på putsad stenullsisolering – Vart tar vattnet vägen?	Folke Björk Johan Jönsson
14:50	Kaffe och fika	
15:10	Mögelpåväxt under varierande fukt- och temperaturförhållanden Fuktsäkra träregelväggar och verifierade beräkningsverktyg	Lars-Olof Nilsson Olof Mundt-Petersen
16:20	Nytt om NSB2014	Lars-Erik Harderup
16:30	Slut för dagen	

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Viktiga händelser under de senaste åren

En översiktlig tillbakablick över vad som har hänt inom fuktområdet.

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Rapporter

Magnus Åhs Fuktegenskaper för byggnadsmaterial - en litteraturstudie Report, Byggnadsmaterial LTH, Lunds universitet, 2012.

Göran Fagerlund Effect of water-cement ratio, air content and age on the risk of frost damage of concrete : some experimental studies Report, Div of Building Materials LTH, Lund university, 2012.

Magnus Åhs Förstudie - Mätssystem med trådlösa sensorer ingjutna i betong Report, Avd Byggnadsmaterial LTH, Lunds universitet, 2011.

Göran Fagerlund Effect of cement type on durability of concrete - results of a cooperative test Report, Div of Building Materials LTH, Lund university, 2011.

Peter Johansson Uttorkning av betong : laboratoriestudien bakom TorkaS3 Report, Byggnadsmaterial LTH, Lunds universitet, 2012.

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Göran Fagerlund Ytrepåreparation av betongkonstruktioner: metoder, beständighet Report, Avd Byggnadsmaterial LTH, Lunds universitet, 2011.

Göran Fagerlund NOVACEM : Magnesiumbaserat cement med gynnsam miljöprofil - bedömning av cementets potential Report, Avd Byggnadsmaterial LTH, Lunds universitet, 2011.

Göran Fagerlund The threshold chloride level for initiation of reinforcement corrosion in concrete : some theoretical considerations Report, Div of Building Materials LTH, Lund university, 2011.

Göran Fagerlund, Manouchehr Hassanzadeh Self-healing of cracks in concrete exposed to different types of water : effect on chloride penetration Report, Div of Building Materials LTH, Lund university, 2011.

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Claes Bankvall, Luftboken - luftförelser och täthet i byggnader. 2013
Kehrer, M. Pallin, S. Extended version of Condensation Risk of Mechanically Attached Roof Systems in Cold Climate Zones, Intended to be published in Drying and Wetting of Building Materials and Components, Editors: V. Peixoto de Freitas, J.M.P.Q. Delgado. 2013.
Olaya Ciruela Pérez. The behavior of aerogel blankets as insulation material in external walls at high temperatures, Master of Science Thesis in the Master's Programme Structural Engineering and Building Technology, Chalmers. Includes chapter MOISTURE PROPERTIES (Determination of aerogel blankets vapor permeability). Examensarbete

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Thelandersson S, Suttie E, Viitanen H, Jermer J, Isaksson T, Grull G. Engineering design guideline for wood in outdoor above ground applications, Report TVBK-3060, SP-Report 2011:15, Lund, Sweden. 2011
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Jeppsson, H, Lindahl, K. Klimatförändringarnas inverkan på mögel- och rötangrepp. Examensarbete. LTH-rapport TVBK-5193. 2011

Kjellberg, N. Mögelriskanalys av ytterväggar. Undersökning av beräkningsmetoder och kritiska parametrar. Examensarbete. LTH-rapport TVBK-5200. 2011

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Johansson P. Critical Moisture Conditions for Mould Growth on Building Materials. TVBH-3051 Lic. 2012.

Hägerstedt S. O. Fuktssäkra träkonstruktioner. Vägledning för utformning av träbaserade väggar. TVBH-3052, 2012.

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Olsson F. Fuktberäkningar av bärande glas- och träparti. TVBH-5066, 2012. Examensarbete.

Al Hamami M. Fuktsäkerhetsgranskning av nybyggnation -Fallstudie av ett byggprojekt i Skåne. TVBH-5067, 2012. Examensarbete.

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Anders Jansson. Delreparation av tätskiktsfolier och plastmatta för keramiska våtrumskonstruktioner. SP Rapport 2012:23.

Lars Olsson. Laboratoriestudie av träfasaders täthet mot slagregn. SP Rapport 2012:45.

Peter Ylmén, Magnus Hansén, Jörgen Romild. Hållbarhet på lufttätetslösningar. SP Rapport 2012:57.

Lars Olsson. Omfördelning av fukt i virkesstycken i virkespaket. SP Rapport 2012:60.

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Artiklar

Katarzyna Dymek, Petr Dejmek, Valentina Panarese, Antonio A. Vicente, Lars Wadsö, Christine Finnie, Federico Gomez Effect of pulsed electric field on the germination of barley seeds - LWT-Food Science and Technology, 2012, 47, 1, 161 - 166

Jörgen Falk, Kenneth Sandin Ventilated rainscreen cladding: Measurements of cavity air velocities, estimation of air change rates and evaluation of driving forces Journal article, Building and Environment, 2012

Lars-Olof Nilsson, Jens M. Frederiksen On uncertainties and inaccuracies in empirical chloride ingress modelling Journal article, European Journal of Environmental and Civil Engineering, 2011, 15, 7, 981 - 990

Sebastian Björklund, Lars Wadsö A calorimetric method to determine water activity Journal article, Review of Scientific Instruments, 2011, 82, 11, 114903

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Lars Wadsö, Yujing Li, Xi Li Isothermal Titration Calorimetry in the Student Laboratory Journal article, Journal of Chemical Education, 2011, 88, 1, 101 - 105

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Göran Fagerlund, Manouchehr Hassanzadeh Självläkning av sprickor i betong - Bygg & Teknik, 2012, 2, 66 - 71

Göran Fagerlund Projekt Bygginnovationen: Betongreparation Journal article, Bygg & Teknik, 2011, 103, 7, 12 - 17

Jörgen Falk Ventilerad fasad med puts på skiva Journal article, Bygg & Teknik, 2012, 4, 59 - 63

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Johansson, Pär. (2012). Tilläggsisolering av gamla byggnader med vakuumisolering. Bygg och teknik, 5/2012.

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Olof Mundt-Petersen (Hägerstedt)
Lic. rapport på gång!

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Pernilla Johansson, Annika Ekstrand-Tobin, Gunilla Bok. Laboratory study to determine the critical moisture level for mould growth on building materials. International Biodeterioration and Biodegradation

Kristina Mjörnell. Technology procurement of efficient insulation of exterior walls and facades for existing multi-family dwellings. Proceedings of the 5th International Building Physics Conference in Kyoto, May 2012.

Kristina Mjörnell, Peter Ylmén, Michael Krause, Horts Stiegel, Sebastien Herkel, Birgit Risholt, Judith Thomsen, José Antonio Chica. A survey in the potential of prefabricated multifunctional façade systems. Proceedings of the 5th International Building Physics Conference in Kyoto, May 2012.

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Linda Hägedhed Engman, Anders Lundin. Bättre inomhusklimat med Swesiaq-modellen. Bygg & Teknik 5/12, 2012.

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Luftboken Claes Bankvall



Informationsblad finns i lokalen

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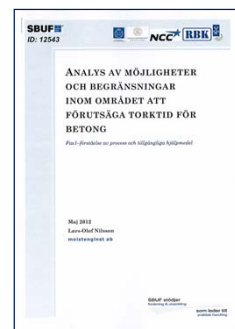


Peter Brander
SBUF:12485

Undvik fel och fallor i byggtorkning

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Rapporter Lars-Olof Nilsson



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Delreparation av tätskiktsfolier och plastmatta för keramiska våtrumskonstruktioner



**SP rapport 2012:23
Anders Jansson**




Stiftelsen Länsförsäkringsbolagens Forskningsfond

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WoodBuild – overall goals

•Generate new knowledge about exposure conditions and biological mechanisms to.....

- identify sustainable and scientifically verified design solutions in wood construction
- improve and develop new methods for testing of resistance against mould growth and decay for wood and wood-based materials
- develop engineering tools for service life design of wood structures and commodities targeted at building practice



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ByggaF

Branschstandard
Arbetsgrupp
Kristina Mjörnell, SP
Remissvaren är under bearbetning!

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Diverse

Enkät - lämna i slutet av dagen

Presentationer publiceras på Fuktcentrums hemsida i efterhand

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