REFERENCES

- Abela, A.. (2006). "Thermal Performance of Insulation Samples." Applications for Malta. University of Malta June, 2006.
- Ahmad, M., Bontems, A., Sallee, H. and Quenard, D. (2005). "Thermal Testing and Numerical Simulation of a Prototype Cell Using Light Wallboards Coupling Vacuum Isolation Panels and Phase Change Material." Article in Press, Science Direct, Energy and Buildings, Vol. 38. (pp. 673–681).
- ASHRAE. (2001). "ASHRAE Handbook–Fundamentals." Atlanta, GA: American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.
- ASTM C-177 Document Information: Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus. Publication Nov, 2004. Available: http://engineers.ihs.com/document/abstract/OVQQGBAAAAAAAAA
- ASTM C-518 Document Information: "Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus."

 Publication Sep, 2004. Available:

 http://engineers.ihs.com/document/abstract/KZKMFBAAAAAAAAA
- ASTM C-578 Document Information: Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. Publication May, 2007. Available: http://engineers.ihs.com/document/abstract/UIKHACAAAAAAAAA

- BASF. (1997). Badische Anilin- und Soda-Fabrik (Baden Aniline and Soda Factory). Styropor Technical Information CD-ROM.
- Binici, H., Aksogan, O., Nuri, B. M., Akca, E., and Kapur, S. (2005). "Thermal Isolation and Mechanical Properties of Fiber Reinforced Mud Bricks as Wall Materials." Article in Press, Science Direct, Construction and Building Materials, Vol. 41. (pp. 362–368).
- Cenry, R., Toman, J., and Vodak, F. (1995). "An Integral Method for Solving the Inverse Problem of Heat Conduction in Porous Materials." Vafai, K and Hadim, H, A,. (Eds). Heat Transfer in Porous Media and Two-Phase Flow: Handbook of Porous Media. New York: Marcel Dekker, 2000. HTD-Vol. 302. (pp. 43-49).
- Cheng, V and Givoni, B., (2004). "Effect of Envelope Colors and Thermal Mass on Indoor Temperatures in Hot Humid Climate." Article in Press, Science Direct, Solar Energy Vol. 78. (pp. 528–534).
- Chirarattananon, S., Rakwamsuk, P., Hien, V, D., Taveekun, J., Mettanant, V., and Sanohdontree, Y. (2005). "Building Energy Conservation for Sustainability." IVP05-1: 13. http://e-nett.sut.ac.th/download/IVP/IVP05.pdf.
- Collier, P. C. R. (2005). "Flame Barriers for Foamed Plastics." BRANZ Study Report SR, 144. Departmet for Buildings and Housing, Judeford, Perirua City.
- Flynn, D. R., Healy, W. M., and R. R. Zarr, R. R. (2005). "High-Temperature Guarded Hot Plate Apparatus Control of Edge Heat Loss." National Institute of Standards and Technology, NIST, Gaithersburg MD 20899-0863, U.S.A.

Gaggino, R. (2005). "Light and Insulant Plates for Housing External Closure." CEVE: Igualdad 3585, V. Siburu, Co´rdoba, Argentina.

- Givoni, B. (1998). "Climate Considerations in Building and Urban Design." John Wiley & Sons, Inc., New York, USA.
- HG, Health Goods: "Foam and Foam Board Insulation." Available: http://www.healthgoods.com/Education/Healthy_Home_Information/Building_D esign_and_Construction/foam_board.htm. (24th March, 2007).
- Hornbostel. C., (1991). "Construction Materials Types, Uses and Application." A Wiley-Interscience Publication. John Wiley and Sons, Inc. Second Edition.
- Horvath, J. S. (1995). "Geofoarn geosynthetic." Horvath Engineering, P.C., Scarsdale. New York.
- Hui, S. C. M. (1997). "Overall Theraml Transfer Value," (OTTV): How to Improve Its Control in Hong Kong. Symposium on Building, Energy and Environment, Shangrila Hotel, Kowloon, Hong Kong, October, 1997.
- ICC. (1999). "International Energy Conservation Code." Falls Church, VA: International Code Council, Inc.
- Incropera, F. P. and Witt, D. P. D. (1990). "Fundamentals of Heat and Mass Transfer." John Wiley and Sons, Inc. New York, USA. Third Edition.
- ISO 8302 Document Information: Thermal Insulation Determination of Steady-State
 Thermal Resistance and Related Properties Guarded Hot Plate Apparatus First
 Edition. International Organization for Standardization. Publication
 Jan , 1991. Available:

http://engineers.ihs.com/document/abstract/LCBMCAAAAAAAAAAAA

Khedari, J., Yamtraipat, N., Naris Pratintong, N., Hirunlabh, J. (2000). "Thailand ventilation comfort chart." Energy Technology Division, School of Energy and Material, King Mongkut's Unilersity of Technology Thonburi, Bangkok, Thailand.

- King, J, E. and Meyer, G. (1999). "A Builder's Guide to Residential Foundation Insulation." Kansas Corporation Commission Energy Programs.
- Koch-Nielsen, H. (2002). "Stay Cool." A Design Guide for the Built Environment in Hot Climates. London, James & James (Science Publisher) Ltd.
- Kootin-Sanwu, V. (2004). "An Analysis of Low Cost, Energy Efficient Housing for Low Income Residents of Hot and Humid Climates." Ph.D. Dissertation College Station, TX: Texas A&M University.
- Kosney, J., and Childs, P. (2000). "Validation of Heating 7.2 Simulations Using Hot Box Test Data for RASTRA Wall Form System with Expanded Polystyrene–Beads."

 Oak Ridge National Laboratory Buildings Technology, Building Technology Center.
- Kosny, J., Desjarlais, A., and Christian, J. (1999). "Whole Wall Rating/Label for Structural Insulated Panels." Steady-State Thermal Analysis. Oak Ridge National Laboratory, Buildings Technology Center.
- Lasercomp (2001). "Product Lines: Statistics Sheet for FOX1000." Available: http://www.lasercomp.com/fox1000.htm (30th August, 2006).
- Lasercomp (2003): "Product Lines." LaserComp's Heat Flow Meters meet the following standards: ASTM C518, ISO 8301, EN 12667, EN 1946-1, and EN 1946-3.

 Available: http://www.lasercomp.com/lcprod.htm (30th August, 2006).
- Lechner, N. (2001). "Heating, Cooling and Lighting." Design Methods for Architects.

 John Willey and Sons. Inc. New York, USA. Second Edition.
- Lydia, F. (2002). "Southeast Asian Climate." Tropical Moist Climate (Af). Available: http://www.blueplanetbiomes.org/se_asian_rnfrstclimate.htm (5th Jan, 2008).

- Malhotra, M. (2005). "An Analysis of Maximum Residential Energy-Efficiency in Hot and Humid Climates." Master of Architecture Thesis, Texas A&M University.
- Murphy, D. J. (1988). "Insulation Fire Hazards on Farms." Pennsylvania, Agricultural and Biological Engineering, College of Agricultural Sciences, the Pennsylvania State University. Safety-20: 4.
- NCCC, (2007). "National Climate Change Committee." Available: http://www.nccc.gov.sg/building/building.shtm (20th November, 2007).
- NFRC, (2001). "Interim Standard Test Method for Measuring the Solar Heat Gain Coefficient of Fenestration Systems Using Calorimetric Hot Box Methods." National Fenestration Rating Council, 1300 Spring Street, Suite 120 Silver Spring, MD 20910.
- Ostrogosky, A. G. and Glicksman, L. R. (1986). "Variation of Insulating Property of Closed-Cell Foam Insulation." Journal of Heat and Mass Transfer Vol 29.
- ORNL. (2002). "DOE Insulation Fact Sheet." DOE/CE-0180/ with Addendum 1. Oak Ridge, TN: Oak Ridge National Laboratory.
- Park, S. G. and Chisholm, D. H. (1999). "Polystyrene Aggregate Concrete." Resource Center for Building Excellence. Study Report No 85 (1999).
- Persily, A, K. (1993). "Envelope Design Guidelines for Federal Office Buildings: Thermal Integrity and Airtightness." U. S. Department of Commerce, National Institute of Standards and Technology, Building and Fire Research Laboratory Gaithersburg, MD 20899.
- Plastic Product. (2001). Available: www.thaitrade.com/en/doc/report_plastic product.doc (7th October, 2006)
- R-Control of Expanded Polystyrene EPS Foam. Available:

- http://www.r-control.com/EPS/properties.asp (28th August, 2006)
- Rolle, K. C. (2000). "Heat and Mass Transfer." University of Wisconsin-Platteville, Upper Saddle River, N. J. USA. Prentice Hall, Inc. First Edition.
- Rasisuttha, S. and Haberl, J. (2004). "The Development of Improved Energy Efficient Housing for Thailand Utilizing Renewable Energy Technology." Presented at SimBuild 2004, First National Conference of IBPSA-USA.
- Shah, B., and Curcija, D. (2000). "A Pilot Project to Establish the Technical Basis and Institutional Framework for Assuring the Energy Efficiency of Fenestration Building Products in Certain Transitional Economy Countries." Technical Report September, 2000.
- SFG. (2007). Brochure of Siam Fiberglass Co. Ltd. UBB-Series, (Unfaced Building Blanket).
- Simko, T, M., Elmahdy, A, H., and Collins, R, E. (2006). "Determination of the Overall Heat Transmission Coefficient (U-value) of Vacuum Glazing." National Research Canada Council, NRCC-41907. Published in ASHRAE Transactions, Vol. 105, pt. 2. (pp. 1–9)
- Stein, B. (1997). "Building Technology". Mechanical and Electrical Systems. Publisher: John Wiley and Sons, Inc. New York, USA. Second Edition.
- Ternes, M.P., Wilkes, K. E. and McLain, A. (1994). "Cooling Benefits from Exterior Masonry Wall Insulation." Home Energy Magazine 11(2): 33-35.
- The World Fact Book, (2007). Available:

 https://www.cia.gov/cia/publications/factbook/index.html. (12th January, 2007).
- TMPI, "Thai Modern Packaging and Insulation." Available: http://www.thaimodern.co.th. (25th February, 2007).

- Van Dessel, S., Messac, A., and Khire, R. "Active Building Envelopes: A Preliminary Analysis." Asia International Renewable Energy Conference, Apr 2004. Beijing, China.
- Yucel, K. T., Basyigit, C. and Ozel, C. (2003). "Thermal Insulation Properties of Expended Polystyrene as Construction and Insulating Materials." Suleyman Demirel University, Faculty of Architectural & Engineering, Civil Engineering Department, Isparta, Turkey.

WIKIPEDIA, (2007). The Free Encyclopedia. Available:

http://en.wikipedia.org/wiki/Structural_insulated_panel. (8th March, 2007).

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright[©] by Chiang Mai University All rights reserved

Sto MAI