

DAFTAR PUSTAKA

- Adetifa, A., Udoyo, F., 2012, *Characteristics Of Kenaf Fiber-Reinforced Mortar Composites*, Vol 12, IJRRAS.
- Ahn, H., Lee, H., Lee, B.S, Lee, Y., 2006, *Pervaporation of an Aqueous Ethanol Solution through Hydrophilic Zeolite Membranes*, Elsevier Desalination 193, 244–25.
- Auerbach, S.M., Kathleen, A.C., Prabir K.D., 2003, *Handbook of Zeolite Science and Technology*, Taylor & Francis.
- Benosman, A.S., Mouli, M., Taibi, H., Belbachir, M., Senhadji, Y., Behlouli, I., Houivet, D., 2012, *Mineralogical Study of Polymer-Mortar Composites with PET Polymer by Means of Spectroscopic Analyses*, Materials Sciences and Applications, Science Research.
- Bargeman, D., Hennepe, H.J.C., Mulder M.H.V., dan Smolders, C.A., 1987, *Zeolite-Filled Silicone Rubber Membranespart 1. Membrane Preparation and Pervaporation Results*, Journal of Membrane Science, 35 (1987) 39-55 Elsevier Science Publishers B.V., Amsterdam.
- Crittenden, B.D., Sowerby, B., 1988, *An Experimental Comparison of Type a Molecular Sieves for Drying the Ethanol-Water Azeotrope*, Butterworth Et Co (Publishers) Ltd.
- Colston, D. O., Barnes, P., Mayes, E.L., Mann, S., Freimuth, H., Ehrfeld, W., 2000, *Functional Micro-Concrete: The Incorporation of Zeolites and Inorganic Nano-Particles into Cement Micro-Structures*, Journal Of Materials Science Letters 19, 1085 – 1088.
- Casado, L., Mallada, R., Téllez, C., Coronas, J., Menéndez, M., Santamaría, J., 2003, *Preparation, Characterization and Pervaporation Performance of Mordenite Membranes*, Journal of Membrane Science 216, 135–147.
- Elke Kanpen, 2007, *Microstructure Formation in Cement Mortar Modified with Water-Soluble Polymers*, Disertasi, Universitas Katolik Leuven.
- Gomes, C.E.M., Ferreira, O.P., 2005, *Analyses of Microstructural Properties of VA/veova Copolymer Modified Cement Pastes*, Polímeros: Ciência e Tecnologia, vol. 15, n° 3, p. 193-198.
- Hewlett, P., 2004, *Lea's Chemistry of Cement and Concrete*, Elsevier Science & Technology Books.
- Huang, Z., Shi, Y., Wen, R., Guo, Y.H., Su, J.F., Matsuura, T., 2006, *Multilayer Poly(vinyl alcohol)-Zeolite 4A Composite Membranes for Ethanol*

Dehydration by means of Pervaporation, Separation and Purification Technology, Elsevier.

Huang, Z., Guan, H.M., Chung, T.S., Chang, M.L., Kulprathipanja, S., 2005, *Polyvinyl Alcohol Multilayer Mixed Matrix Membranes for the Dehydration of Ethanol–Water Mixture*, Jurnal of Membrane Science, Elsevier.

Ikotun B.D., Ekelu S., 2009, *Strength and Durability Effect of Modified Zeolite Additive on Concrete Properties*, Elsevier, Construction and Building Materials.

Jafar, J.J., Budd, P.M., 1997, *Separation of Alcohol/Water Mixtures by Pervaporation through Zeolite A Membranes*, Microporous Materials 12, 305-311, Elsevier.

Kosmatka, S.H., Kerkhoff, B., Panarese, W.C., 2003, *Design and Control of Concrete Mixtures 4th*, Portland Cement Association, USA.

Krolo, P., Krstulovi, R., Dabi, P., Miki, A., Bubi, A., 2003, *The Stabilization Of Hazardous Zeolite Wastes In Cement Composites And Its Effect On Hydration Processes*, ISSN 1580-2949, Materiali In Tehnologije.

Lynch, M.J., 2011, *Investigation of Chemical Admixture Interactions in the Development of Printable Concrete*, ILT, School of Engineering & Information Technology. Thesis and Work Experience ZEIT4500/4501.

Liu, Q., Noble, R.D., Falconer, J.L., Funke, H.H., 1996, *Organics/Water Separation by Pervaporation with a Zeolite Membrane*, Journal of Membrane Science, Elsevier.

Mertens, G., Snellings, R., Van Balen, K., Bicer, S.B., Verlooy, P., Elsen, J., 2009, *Pozzolanic Reactions of Common Natural Zeolites with Lime and Parameters Affecting their Reactivity*, Cement and Concrete Research, Elsevier.

Okamoto, K., Kita, H., Horri, K., Tanaka, K., Kondo, M., 2001, *Zeolite NaA Membrane: Preparation, Single-Gas Permeation, and Pervaporation and Vapor Permeation of Water/Organic Liquid Mixtures*, American Chemical Society.

Pruksathorn, P., Vitidsant, T., 2009, *Production of Pure Ethanol from Azeotropic Solution by Pressure Swing Adsorption*, American J. of Engineering and Applied Sciences.

Perraki, T., Kontori, E., Tsivilis, S., dan Kakali, G., 2010, *The Effect of Zeolite on the Properties and Hydration of Blended Cements*, Cement & Concrete Composites, 32, 128-133.

- Ramakrishna, G., Sundararajan, T., Kothandaraman, S., 2010, *Evaluation Of Durability Of Natural Fibre Reinforced Cement Mortar Composite- A New Approach*, Asian Research Publishing Network.
- Saengsawang, O., Remsungnen, T., Fritzsche, S., Haberlandt, R., and Hannongbua, S., 2005, *Structure and Energetics of Water-Silanol Binding on the Surface of Silicalite-1: Quantum Chemical Calculations*. J. Phys. Chem, American Chemical Society Published.
- Stuart, B., 2004, *Infrared Spectroscopy: Fundamentals and Applications*, John Wiley & Sons, Ltd.
- Sun, H., Lu, L. Chen, X., Jiang, Z., 2008, *Pervaporation Dehydration of Aqueous Ethanol Solution Using H-ZSM-5 Filled Chitosan Membranes*, Elsevier, Separation and Purification Technology 58, 429–436.
- Taylor, P.C., Kosmatka, S.H., Voigt, G.F., et al., 2006, *Integrated Materials and Construction Practices for Concrete Pavement: A State-of-the-Practice Manual*, FHWA Publication.
- Taylor, H.F.W., 1997, *Cement Chemistry 2nd*, Academic Press Limited, London.
- Weitkamp, J., Puppe, L., 1999, *Catalysis and Zeolites: Fundamentals and Applications*, Springer, Germany.
- Weitkamp, J., 1999, *Zeolites and Catalysis*, Solid State Ionics, Elsevier.
- Whiston, C., Prichard, F.E., 1991, *X-ray methods*, Thames Polytechnic, London by J. Wiley.