DAFTAR PUSTAKA

——— (2003) Standard test methods for cyclic (reversed) load test for shear resistance of framed walls for buildings. ASTM E 2126-02a. American Society of Testing and Materials, West Conshohocken, PA.

A. Ben Fraj, M. Kismi, P. Mounanga. 2010. Valorization of coarse rigid polyurethane foam waste in lightweight aggregate concrete, Constr. Build. Mater. 24 (6): 1069–1077.

A. Benazzouk, O. Douzane, K. Mezreb, M. Quéneudec. 2006. Physico-mechanical properties of aerated cement composites containing shredded rubber waste, Cem. Concr. Compos. 28 (7): 650–657.

A. Hajimohammadi, T. Ngo, P. Mendis. 2018. Enhancing the strength of pre-made foams for foam concrete applications, Cem. Concr. Compos. 87: 164–171.

A. Kan, R. Demirbog˘a. 2009. A novel material for lightweight concrete production. Cem. Concr. Compos. 31 (7): 489–495.

A. Shams, A. Stark, F. Hoogen, J. Hegger, H. Schneider. 2015. Innovative sandwich structures made of high performance concrete and foamed polyurethane, Compos. Struct. 121: 271–279.

A.M. Neville, Properties of Concrete, 5 ed., Longman, London, 1995.

Alwashali H., Sen D., Jin K., dan Maeda M. 2019. Experimental investigation of influences of several parameters on seismic capacity of masonry infilled reinforced concrete frame. Engineering Structures 189 (2019) 11–24.

Anderson, D. L., and Priestley, M. J. N. 1992. In-plane shear strength of masonry walls. Proc., 6th Canadian Masonry Symp., University of Saskatchewan, Saskatoon, SK, Canada, 223–234.

ASTM C 494-82, Standard Specification for Chemical Admixtures, United State: Association of Standard Testing Materials.

Benavent-Climent. 2007. Seismic Behavior of RC Wide Beam-Column Connections Under Dynamic Loading. Journal of Earthquake Engineering, 11:4, 493 - 511

Bentz, E. C., Vecchio, F. J., and Collins, M. P. 2006. Simplified modified compression field theory for calculating shear strength of reinforced concrete elements. ACI Struct. J., 103(4), 614–624.

Bird P. 2003. An updated digital model of plate boundaries, Geochemistry Geophysics Geosystems, Vol. 4, No. 3, 1027.

Boen T. 2003. Earthquake Resistant Design of Non-Engineered Buildings In Indonesia. Presented during EQTAP Workshop IV, Kamakura Dec 3-4, 2001.

C. Bing, W. Zhen, L. Ning. 2012. Experimental research on properties of high-strength foamed concrete, J. Mater. Civ. Eng. 24 (1): 113–118.

Ceccotti, A., and Vignoli, A. 1990. Engineered timber structures: An evaluation of their seismic behavior. *Proc., Int. Conf. of Timber Engineering*, Tokyo, 946–953.

Chiou T-C., dan Hwang S-J. 2015. Tests on cyclic behavior of reinforced concrete frames with brick infill. Earthquake Engng Struct. Dyn. (2015) DOI: 10.1002/eqe.2564.

D. K. Panesar. 2013. Cellular concrete properties and the effect of synthetic and protein foaming agents, Constr. Build. Mater. 44: 575–584.

Davis, C. L. 2008. Evaluation of design provisions for in-plane shear in masonry walls. M.S. thesis, Dept. of Civil Engineering, Washington State Univ., Pullman, WA.

Deng M., Zhang W., dan Yang S. 2020. In-plane seismic behavior of autoclaved aerated concrete block masonry walls retrofitted with high ductile fiber-reinforced concrete. Engineering Structures 219 (2020) 110854.

Donlan, J. D., dan Madsen, B. 1992. Monotonic and cyclic tests of timber shear walls. Can. J. Civ. Eng., 19(3), 415–422.

El-Dakhakhni, W., Banting, B., and Miller, S. 2013. Seismic performance parameter quantification of shear-critical reinforced concrete masonry squat walls. J. Struct. Eng., 139(6), 957–973.

F. Koksal, O. Gencel, M. Kaya. 2015. Combined effect of silica fume and expanded vermiculite on properties of lightweight mortars at ambient and elevated temperatures, Constr. Build. Mater. 88: 175–187.

Fattal, S. G., and Todd, D. R. 1991. Ultimate strength of masonry shear walls: Prediction vs. test results. Rep. NISTIR 4633, Building and Fire Research Laboratory, Gaithersburg, MD.

Folz, B., and Filiatrault, A. 2004. Simplified seismic analysis of woodframe structures. *Proc., 13th World Conf. on Earthquake Engineering*, Vancouver, Canada, Paper No. 245.

Foschi, R. O. 1977. Analysis of wood diaphragms and trusses. Part I: Diaphragms. *Can. J. Civ. Eng.*, 4(3): 345–352.

Foschi, R. O. 2000a. Modeling the hysteretic response of mechanical connections for wood structures. *Proc., 6th World Conf. on Timber Engineering*, Whistler, Canada, Paper No. 7.1.2.

Foschi, R. O. 2000b. SHYST program—Analysis of an elastoplastic beam on a nonlinear foundation, with gapping. Univ. of British Columbia, Vancouver, Canada.

Foschi, R. O. 2005. Modeling the structural behavior, reliability, and performance of Japanese post-and-beam walls. *Research Rep.*, Prepared for Coast Forest and Lumber Association, Univ. of British Columbia, Vancouver, Canada.

I. S. Ranjani, K. Ramamurthy. 2010. Relative assessment of density and stability of foam produced with four synthetic surfactants, Mater. Struct. 43 (10): 1317–1325.

Irsyam, M., Sengara, I.W., Asrurifak, M., Ridwan, M., Aldiamar, F., Widiyantoro, S., Triyoso, W., Natawijaya, D.H., Kertapati, E., Meilano, I. dan Suhardjono, 2010, Summary: Development of Hazard Maps of Indonesia for Revision of Seismic Hazard Map in SNI 03-1726-2002, reseach report submited to the Ministry of Public Works.

Jones M. R., McCarthy MJ, McCarthy A. 2003. Moving fly ash utilization in concrete forward: a UK perspective. In: Proceedings of the 2003 international ash utilisation symposium, centre for applied energy research. University of Kentucky; p. 20–2.

Jones M.R., dan McCarthy A. 2005(a). Utilising unprocessed low-lime coal ash in foamed concrete, Fuel 84: 1398–1409.

K. Jitchaiyaphum, T. Sinsiri, P. Chindaprasirt. 2011. Cellular lightweight concrete containing pozzolan materials, Procedia Eng. 14: 1157–1164.

K. Ramamurthy, E.K. Kunhanandan Nambiar, G. Indu Siva Ranjani. 2009. A classification of studies on properties of foam concrete, Cem. Concr. Compos. 31 (6): 388–396.

Kawai, N. 1998. Seismic performance testing on wood framed shear walls. *Proc., 31st CIB-W18A on Timber Structures*, Savonlinna, Finland. Paper No. 31-15-1.

Kearsley E.P., Wainwright P.J. 2001(a). The effect of high fly ash content on the compressive strength of foamed concrete, Cem. Concr. Res. 31 (1): 105–112.

Kearsley E.P., Wainwright P.J. 2001(b). Porosity and permeability of foamed concrete, Cement and Concrete Research 31: 805–812.

Kearsley E.P., Wainwright P.J. 2002(a). The effect of porosity on the strength of foamed concrete. Cem Concr Res 32:233–239.

Kearsley E.P., Wainwright P.J. 2002(b). Ash content for optimum strength of foamed concrete. Cem Concr Res 2002; 32:241–6.

Li M. dan Lam F. 2009. Lateral performance of nosymetric diagonal-braced wood shear walls. Journal of Structural Engineering, ASCE. Pp: 178-186.

Luca F. D., Woods G. E. D., Galasso C., dan Ayala D. D. 2017. RC infilled building performance against the evidence of the 2016 EEFIT Central Italy post-earthquake reconnaissance mission: empirical fragilities and comparison with the FAST method. Bull Earthquake Eng https://doi.org/10.1007/s10518-017-0289-1.

M. A. Othuman, Y. C. Wang. 2011. Elevated-temperature thermal properties of lightweight foamed concrete, Constr. Build. Mater. 25 (2): 705–716.

Mansyur., Tjaronge M. W., Irmawaty R., dan Amiruddin A. A. 2021. Penentuan Kohesi Dan Sudut Geser Dalam Pada Beton Busa. Seminar Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-ISSN : 2715-5668.

Matsumura, A. 1987. Shear strength of reinforced hollow unit masonry walls. Proc., 4th North America Masonry Conf., University of California, Los Angeles, CA, 50-1–50-16.

Matsumura, A. 1988a. Shear strength of reinforced masonry walls. Proc., 9th World Conf. on Earthquake Engineering, Science Council of Japan, Tokyo, Japan, Vol. 7, 121–126.

Milson, J. et al. 1992. The Manokwari Trough and The Western End of The New Guinea Trench. Tectonics. 11. 145-153.

N. Narayanan, K. Ramamurthy. 2000. Microstructural investigations on aerated concrete, Cement and Concrete Research 30: 457–464.

Nambiar E. K. K, Ramamurthy K. 2007. Sorption characteristics of foam concrete. Cem Concr Res; 37:1341–7.

Nambiar E. K. K., dan Ramamurthy K. 2006 (b). Models relating mixture composition to the density and strength of foam concrete using response surface methodology. Cem Concr Comp 2006; 28:752–60.

Nambiar E.K K., dan Ramamurthy K. 2006 (a). Influence of filler type on the properties of foam concrete. Cem Concr Res 2006; 28:475–80.

Nelson E. L. Wheat D. L. dan Fowler D. W. 1985. Structural behavior of wood shear wall assemblies. Journal of Structural Engineering, ASCE. 111: 654-666.

Neville, A.M., dan J.J. Brooks, 1987. Concrete Technology, Penerbit Longman Scientific and Technical, New York.

Okabe, M., Miyamura, M., and Oguni, K. 2002. Estimating strength and stiffness of gypsum board shear walls in the timber construction. *Proc., 7th World Conf. on Timber Engineering*, Shah Alam, Malaysia, Paper No. 4.1.5.

Okamoto, S., Yamazaki, Y., Kaminosono, T., Teshigawara, M., and Hirashi, H. 1987. Seismic capacity of reinforced masonry walls and beams. Proc., 18th Joint Meeting of the U.S.-Japan Cooperative Program in Natural Resource Panel on Wind and Seismic Effects: NBSIR 87-3540, National Institute of Standards and Technology, Gaithersburg, MD, 307–319.

P. J. Tikalsky, J. Pospisil, W. MacDonald. 2004. A method for assessment of the freeze–thaw resistance of preformed foam cellular concrete, Cem. Concr. Res. 34 (5): 889–893.

Panto B., dan Rossi P. P. 2018. A new macromodel for the assessment of the seismic response of infilled RC frames. *Earthquake Engng Struct Dyn*. 2019;1–26.

Pardoen G.C., Kazanjy R. P., Freund E., Hamilton C. H., Larsen D., Shah N., Smith A. 2003. Results from the City of Los Angeles-UC Irvine shear wall test program in Proc World Conference on Timber Engineering. Paper 1.1.1 on CD.

Parung H. 2012. Seismic Design of Building. Badan Penerbit UNM, Makassar.

Paulay T., Priestley M. J. N dan Singe A. J. 1982. Ductility in earthquake resisting squat shearwalls. ACI Journal; 79(4):257–69.

Preti M., Bettini N., dan Plizzari G. 2012. Infill Walls with Sliding Joints to Limit Infill-Frame Seismic Interaction: Large-Scale Experimental Test. Journal of Earthquake Engineering, 16:1, 125-141, DOI: 10.1080/13632469.2011.579815.

Sagar S. L., Singhal V., dan Rai D. C. 2018. In-Plane and Out-of-Plane Behavior of Masonry-Infilled RC Frames Strengthened with Fabric-Reinforced Cementitious Matrix. American Society of Civil Engineers. DOI: 10.1061/(ASCE)CC.1943-5614.0000905.

Sakamoto, L., and Ohashi, Y. 1988. Seismic response and required lateral strength of wooden houses and its applications. *Proc., Int. Conf. of Timber Engineering*, Seattle, Vol. 2, 243–247.

Salonikios T., Kappos A., Tegos A., dan Penelis G. 1999. Cyclic load behavior of low slenderness reinforced concrete walls: design basis and test results. ACI Structural Journal; 96(4):649–60.

Salu Y. L., Parung H., Tjaronge M. W., dan Irmawaty R. 2021. Karakteristik Beton Busa Yang Mengalami Beban Tarik. Seminar Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-ISSN : 2715-5668.

Sang, G. Y. Zhu, G. Yang, H. Zhang. 2015. Preparation and characterization of high porosity cement-based foam material, Constr. Build. Mater. 91: 133–137.

Sarhat, S. R., and Sherwood, T. G. 2011. Shear design of reinforced masonry beams. Proc., 11th North American Masonry Conf., The Masonry Society, Boulder, CO, Paper 3.04-2.

Shing, P. B., Noland, J. L., Spaech, H., Klamerus, E., and Schuller, M. 1991. Response of single-storey reinforced masonry shear walls to in-plane lateral loads. U.S.–Japan Coordinated Program for Masonry Building Research Rep. No. 3.1(a)-2, Univ. of Colorado, Boulder, CO.

Shing, P. B., Schuller, M., and Hoskere, V. S. 1990. In-plane resistance of reinforced masonry shear walls. J. Struct. Eng., 10.1061/(ASCE) 0733-9445(1990)116:3(619), 619–640.

Singh P. B., dan Mehrabi A. B. 2002. Behaviour and analysis of masonry-infilled frames. Prog. Struct. Engng Mater. 2002; 4:320–331 (DOI: 10.1002/pse.122).

Skaggs T. D. dan Martin Z. A. 2004. Estimating wood structural panel diaphgram and shear wall deflection. Pract. Period. Struct. Des. Construct. ASCE. 9: 136-141.

Standards Association of New Zealand (SANZ). (2004). “Design of reinforced concrete masonry structures.” New Zealand Standards Association (NZS) 4230:2004, Wellington, New Zealand.

Stewart, W. G. 1987. The seismic design of plywood sheathed shear walls. Ph.D. thesis, Univ. of Canterbury, Christchurch, New Zealand.

Sugiyama, H., Uchisako, T., Andoh, N., Arima, R., Hirano, S., and Nakamura, N. 1988a. Comparison of lateral stiffness of frame obtained from full-scale test and that estimated by racking tests in Japanese type of wooden frame construction. *Proc., Int. Conf. of Timber Engineering*, Seattle, Vol. 1, 804–810.

Sunarno Y., Tjaronge M. W. and Irmawaty R. 2020. Preliminary study on early compressive strength of foam concrete using Ordinary Portland Cement (OPC) and Portland Composite Cement (PCC). IOP Conf. Ser.: Earth Environ. Sci. 419.

Sveinsson, B. I., McNiven, H. D., and Sucuoglu, H. 1985. Cyclic loading tests of masonry piers—Volume 4: Additional tests with height to width ratio of 1. Rep. No. UCB/EERC-85-15, Earthquake Engineering Research Center, Univ. of California, Berkeley, CA.

Tumpu M., Parung H., Tjaronge M. W., dan Amiruddin A. A. 2021. Karakteristik Beton Busa Yang Mengalami Beban Tekan. Seminar Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-ISSN : 2715-5668.

Van de Lindt, J. W. 2004. Evolution of wood shear wall testing, modeling, and reliability analysis: Bibliography. *Pract. Period. Struct. Des. Constr.*, 9(1): 44–53.

Varoglu E. et al. 2007. Midiply wood shear wall system: performance in dynamic testing. Journal of Structural Engineering, ASCE. 133: 1035-1042.

Voon, K. C., and Ingham, J. M. 2007. Design expression for the in-plane shear strength of reinforced concrete masonry. J. Struct. Eng., 10.1061/(ASCE)0733-9445(2007)133:5(706), 706–713.

Wang R., Xiao Y. dan Li Z. 2017. Lateral loading performance of lightweight glubam shear walls. Journal of Structural Engineering, ASCE.

Y. H. Mugahed Amran, N. Farzadnia, A.A. Abang Ali. 2015. Properties and applications of foamed concrete; a review, Constr. Build. Mater. 101 990–1005.

Yamada, M., Suzuki, Y., and Gotou, M. 2004. Seismic performance evaluation of Japanese wooden frames. *Proc., 13th World Conf. on Earthquake Engineering*, Vancouver, Canada, Paper No. 753.

Yasumura, M., Richard, N., Davenne, L., and Uesugi, M. 2006. Estimating seismic performance of timber structures with plywood sheathed walls by pseudodynamic tests and time-history earthquake response analysis. *Proc., 9th World Conf. on Timber Engineering*, Portland.