

## DAFTAR PUSTAKA

- [1] M. Etxeberria, E. Vázquez, A. Marí, and M. Barra, “Influence of amount of recycled coarse aggregates and production process on properties of recycled aggregate concrete,” vol. 37, pp. 735–742, 2007, doi: 10.1016/j.cemconres.2007.02.002.
- [2] M. Khan and M. Ali, “Improvement in concrete behavior with fly ash , silica-fume and coconut fibres,” *Constr. Build. Mater.*, vol. 203, pp. 174–187, 2019, doi: 10.1016/j.conbuildmat.2019.01.103.
- [3] Y. Huang, X. He, H. Sun, Y. Sun, and Q. Wang, “Effects of coral, recycled and natural coarse aggregates on the mechanical properties of concrete,” *Constr. Build. Mater.*, vol. 192, pp. 330–347, 2018, doi: 10.1016/j.conbuildmat.2018.10.111.
- [4] dan T. S. Moses Hasiholan Septian Tampubolon, “REKAYASA EKSPERIMEN BETON DENGAN PENAMBAHAN ADITIF MASTERSURE 1007 UNTUK MENDAPATKAN BETON SLUMP FLOW YANG STABIL PADA BETON DENGAN MUTU AWAL TINGGI”.
- [5] A. M. Korua, S. O. Dapas, and B. D. Handono, “KINERJA HIGH STRENGTH SELF COMPACTING CONCRETE DENGAN PENAMBAHAN ADMIXTURE ‘ BETON MIX ’ TERHADAP KUAT TARIK BELAH,” vol. 7, no. 10, 2019.
- [6] R. A. Husnah, “Uji Eksperimental Penggunaan Zat Additif Mastersure 1007 Terhadap Workability,” vol. 01, 2021.
- [7] J. Thomas, N. N. Thaickavil, and P. M. Wilson, “Strength and durability of

- concrete containing recycled concrete aggregates,” *J. Build. Eng.*, vol. 19, pp. 349–365, 2018, doi: 10.1016/j.jobe.2018.05.007.
- [8] D. Marchon, S. Kawashima, H. Bessaies-Bey, S. Mantellato, and S. Ng, “Hydration and rheology control of concrete for digital fabrication: Potential admixtures and cement chemistry,” *Cem. Concr. Res.*, vol. 112, no. May, pp. 96–110, 2018, doi: 10.1016/j.cemconres.2018.05.014.
- [9] D. Pedro, J. de Brito, and L. Evangelista, “Structural concrete with simultaneous incorporation of fine and coarse recycled concrete aggregates: Mechanical, durability and long-term properties,” *Constr. Build. Mater.*, vol. 154, pp. 294–309, 2017, doi: 10.1016/j.conbuildmat.2017.07.215.
- [10] A. P. Svintsov, E. L. Shchesnyak, V. V. Galishnikova, R. S. Fediuk, and N. A. Stashevskaya, “Effect of nano-modified additives on properties of concrete mixtures during winter season,” *Constr. Build. Mater.*, vol. 237, p. 117527, 2020, doi: 10.1016/j.conbuildmat.2019.117527.
- [11] J. Wu, L. Wang, Y. Hou, Z. Qian, L. Meng, and Q. Zhao, “Simulation on the Micro-Deval test for the aggregate wear properties measurement,” *Constr. Build. Mater.*, vol. 180, pp. 445–454, 2018, doi: 10.1016/j.conbuildmat.2018.03.264.
- [12] K. P. Verian, W. Ashraf, and Y. Cao, “Properties of recycled concrete aggregate and their influence in new concrete production,” *Resour. Conserv. Recycl.*, vol. 133, no. February, pp. 30–49, 2018, doi: 10.1016/j.resconrec.2018.02.005.
- [13] S. Kasus, P. Proyek, and P. Sabo, “1. Bagaimana mutu pelaksanaan antara hasil uji beton dengan campuran terhadap perbandingan berat dan 1,” vol.

- D, pp. 1–11, 2013.
- [14] T. P. Artiningsih, “KAJIAN PENGGUNAAN FERRO-CEMENT,” vol. 14, no. 3, pp. 170–181, 2017.
- [15] I. Yang and T. Air, “INDONESIAN FUNDAMENTAL,” vol. 5, no. 2, pp. 102–111, 2019.
- [16] R. Mareno, “KUAT TEKAN DAN KUAT TARIK BELAH BETON SERAT,” vol. 6, no. 2, 2022.
- [17] P. Limbah and B. Fly, “Pemanfaatan limbah batubara (fly ash) sebagai material pengganti agregat kasar pada pembuatan beton ringan,” vol. 6, pp. 1–8, 2021.
- [18] S. Gupta, H. W. Kua, and C. Y. Low, “Use of biochar as carbon sequestering additive in cement mortar,” *Cem. Concr. Compos.*, vol. 87, pp. 110–129, 2018, doi: 10.1016/j.cemconcomp.2017.12.009.
- [19] BSN, “SNI ASTM C 136-2012 Metode uji untuk analisis saringan agregat halus dan agregat kasar,” *Badan Stand. Nas.*, p. 24, 2012.
- [20] Z. Guo, T. Jiang, J. Zhang, X. Kong, C. Chen, and D. E. Lehman, “Mechanical and durability properties of sustainable self-compacting concrete with recycled concrete aggregate and fly ash, slag and silica fume,” *Constr. Build. Mater.*, vol. 231, p. 117115, 2020, doi: 10.1016/j.conbuildmat.2019.117115.
- [21] S. 1969:2008, “Cara Uji Berat Jenis dan Penyerapan Air Agregat Kasar,” *Badan Standar Nas. Indones.*, p. 20, 2008.
- [22] Y. G. Barabanshchikov, S. V. Belyaeva, I. E. Arkhipov, M. V. Antonova, A. A. Shkolnikova, and K. S. Lebedeva, “Influence of superplasticizers on the

- concrete mix properties,” *Mag. Civ. Eng.*, vol. 74, no. 6, pp. 140–146, 2017, doi: 10.18720/MCE.74.11.
- [23] K. Noeleke, “UJI KUAT TEKAN BETON DAN MORTAR MENGGUNAKAN PASIR,” vol. VII, no. 1, pp. 37–44, 2018.
- [24] Badan Standardisasi Nasional, “SNI 2493-2011: Tata Cara Pembuatan dan Perawatan Benda Uji Beton di Laboratorium,” *Badan Standar Nas. Indones.*, p. 23, 2011, [Online]. Available: [www.bsn.go.id](http://www.bsn.go.id)
- [25] D. Wang, C. Shi, N. Farzadnia, Z. Shi, and H. Jia, “A review on effects of limestone powder on the properties of concrete,” *Constr. Build. Mater.*, vol. 192, pp. 153–166, 2018, doi: 10.1016/j.conbuildmat.2018.10.119.
- [26] SNI-1972, “Cara Uji Slump Beton,” 2008.
- [27] C. Vaidevi, T. Felix Kala, and A. R. R. Kalaiyarrasi, “Mechanical and durability properties of self-compacting concrete with marble fine aggregate,” *Mater. Today Proc.*, vol. 22, no. xxxx, pp. 829–835, 2020, doi: 10.1016/j.matpr.2019.11.019.
- [28] C. Liang, B. Pan, Z. Ma, Z. He, and Z. Duan, “Utilization of CO<sub>2</sub> curing to enhance the properties of recycled aggregate and prepared concrete: A review,” *Cem. Concr. Compos.*, vol. 105, p. 103446, 2020, doi: 10.1016/j.cemconcomp.2019.103446.
- [29] Badan Standarisasi Nasional Indonesia, “SNI 2049-2015. Semen Portland. Badan Standarisasi Nasional, Jakarta.,” *Sni 2049-2015*, pp. 1–147, 2015.