

DAFTAR PUSTAKA

- Abidoye, L.K. dan R. A. B. (2010). *Restoration of compressive strength of recycled gypsum board powder*. The Pasific Journal of Science and Technology, 11(2): 41-50
- Adeilina, T., S. Triaminingsih, dan D. J. Indriani. (2017). *The effects of K_2SO_4 solution on the compressive strength of dental gypsum type III*. IOP Publishing, hal 1-6
- American Standard Testing and Material 595 Tahun 2003. *Standard Specification for Blended Hydraulic Cements*. (2003). ASTM International. United States
- Andiana, Elga. 2019. *Analisis Perilaku Pemilahan Sampah di Kota Surabaya*. Aspirasi: Jurnal Masalah-Masalah Sosial, 10: 119-138
- Anusavice, K.J., Shen, C., dan Rawls, H.R. (2012). *Phillips' science of dental materials*. 12nd ed. Elsevier Health Sciences.
- Bardella P. S. dan G. Camarini. (2012). *Recycled Plaster: Physical and Mechanical Properties*. Trans Tech Publicaions, 374-377: 1307-1310
- Bhat, V. S. dan BT Nandish. (2013). *Science of Dental Materials Clinical Applications*. 2nd ed. India: CBS Publishers & Distributors
- Bumanis, G., J. Zorica, D. Bajare, dan A. Korjakins. (2019). *Effect of water-binder ratio on properties of phosphogypsum binder*. IOP Publishing Ltd, hal 1-8. doi:10.1088/1757-899X/660/1/012071
- Bye, G., Livesey, P., dan L. Struble. (2011). *Portland Cement*. 3rd ed. London: ICE Publishing
- Chavali, R.V.P. dan Hari, P. R. P. (2018). *Volume change behavior of phosphogypsum treated clayey soils contaminated with inorganic acids—a micro level study*. Journal of Environmental Engineering and Landscape Management, 26(1): 8-18
- Daniel, W. W., dan Ctoss, C. L. (2013). *Biostatistics : A Foundation for Analysis in the Health Science* (10th ed). John Wiley and Sons, Inc
- Dubey. S. (2013). *Acid Rain- The Major Cause of Pollution: Its Causes, Effects and Solution*. International Journal of Scientific Engineering and Technology, 2(8): 772-775
- Dulaimi, S. F. dan S. M. Kanaan.(2018). *The Effect of Microwave Oven Drying on*

the Compressive Strength of Type III and IV Dental Stones at Different Time Intervals. Open Dent J, Diakses 12 Agustus 2022. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6080061/>

Europäische Norm 197-1 Tahun 2011. *Cement - Part 1: Composition, specifications and conformity criteria for common cements.* (2011). British Standard Publication. UK

Fernandes, K. A., Vidhya, B., Muraleedhara, B., Subramanya, S., Shakkira, M. K. dan Abdul, M. (2020). *A Comparative Study of the Effect of Different Disinfectant Solutions on the Compressive Strength of Type III Gypsum.* J Pharm Bioallied Sci, 12(1): 530-537. Diakses 6 Januari 2022. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7595534/>

Gladwin, M. dan M. Bagby. (2013). *Clinical Aspects of Dental Materials: Theory, Practice, and Cases.* 4th ed. Philadelphia: Wolters Kluwer Health

Gypsum to Gypsum project. (2013). *DB3: Guidance document with criteria for acceptance of secondary gypsum for recycling.* Gypsum to gypsum

Hanafiah, K. A. (2008). *Rancangan Percobaan Teori dan Aplikasi.* 3 edisi. Raja Grafindo Persada

Hannachi, S. dan M. N. Guetteche. (2012). *Application of the Combined Method for Evaluating the Compressive Strength of Concrete on Site.* Scientific Research, 2:16-21

Hatrack, C. D. dan W. S. Eakle. (2016). *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists.* 3rd ed. Elsevier

Hewlett, P. C. dan M. Liska. (2019). *Lea's Chemistry of Cement and Concrete.* 5th ed. UK: Elsevier

Irawan, R. R. (2013). *Semen Portland di Indonesia Untuk Aplikasi Beton Kinerja Tinggi.* Bandung: Pusjatan

Jalali, J., Pierre, G., Herve, C., Emma, A. dan Thiery, L. (2020). *Isolation and screening of indigenous bacteria from phosphogypsum-contaminated soils for their potential in promoting plant growth and trace elements mobilization.* Journal of environmental management, 260: 1-9

James, S. dan A. Cadix. (2021). *Fluid Chemistry, Drilling and Completion: Chapter 5 Cementing additives.* UK: Elsevier, Diakses 15 Agustus 2022. <https://www.sciencedirect.com/topics/engineering/cement-chemistry>

Kijjanapanich, P., A. P. Annachhatre, dan P. N. L. Lens. (2014). *Biological Sulfate Reduction for Treatment of Gypsum Contaminated Soils, Sediments, and Solid*

Wastes. Critical Reviews in Environmental Science and Technology, 44: 1037-1070

- Killedar, S. M., Shetty, R., J. R., James, J., Karaththodiyii, R., dan A. Edwin. (2021). *A Comparative Evaluation of Abrasion Resistance of Three Commercially Available Type IV Dental Stone, Dries using Three Different Drying Techniques- An In vitro Study*. J Pharm Bioallied Sci, 13(1): 580-585. Diakses 12 Agustus 2022. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8375857/>
- Ko, J. H., Q. Xu, dan Y. C. Jang. (2015). *Emissions and Control of Hydrogen Sulfide at Landfills: A Review*. Taylor and Francis, 1-64
- Kushkevych, I., D. Dordevic, M. Vitezova, dan S. K. M. R. Rittmann. (2021). *Environmental Impact of Sulfate-Reducing Bacteria, Their Role in Intestinal Bowel Diseases, and Possible Control by Bacteriophages*. MDPI, 1-16
- Li, Zhixin., Xu, K., Peng, J., Wang, J., Ma, X., dan Niu, J. (2018). *Study Hydration and Mechanical Property of Portland Cement-Blended Recycled Plaster Materials*. Advances in Materials Science and Engineering, 1-8
- Manappallil, J.J. (2016). *Basic dental materials*. 4th ed. New Delhi:Jaypee Brothers Medical Publishers
- Martos, J. L. G., Styles, D., Schoenberger, H. dan Lahl, B. Z. (2018). *Construction and demolition waste best management practice in Europe*. Elsevier, 166-178
- Mohajan, H. K. (2019). *Acid Rain is a Local Environment Pollution but Global Concern*. Open Science Journal of Analytical Chemistry, 3(5): 47-55
- Montero, A., Y. Tojo, T. Matsuo, M. Yamada, H. Asakura, dan Y. Ono. (2010). *Gypsum and organic matter distribution in a mixed construction and demolition waste sorting process and their possible removal from outputs*. Journal of hazardous materials, 747-753
- Mulyati, S. T. dan Suhendri. (2013). *Studi Perbandingan Kuat Tekan Beton Normal Menggunakan Semen Portland Tipe I dan Portland Composite Cement*. Jurnal Momentum, 15(2): 15-18
- Mulyati dan Herman. (2015). *Komposisi Dan Kuat Tekan Beton Pada Campuran Portland Composite Cement, Pasir Dan Kerikil Sungai Dari Beberapa Quarry Di Kota Padang*. Jurnal Momentum, 17(2): 34-38
- Ngernchuklin,P., N. Yongpradern, A. Boonruang, S. Kanchanasutha, P. Laoauyporn, dan C. Busabok. (2018). *Upgrading of waste gypsum for building materials*. Trans Tech Publications Ltd, 766: 211-216
- Nasution, M. H., Putri, N. B. N., dan L. Candra. (2019). *Pengaruh Komposisi*

Gypsum Terhadap Setting Time pada Proses Produksi Semen PCC. *Chemica: Jurnal Teknik Kimia*, 6(1):23-29

Nikulicheva, T. B. dkk. (2021). *Recycling and disposal of gypsum-containing waste generated in the production of citric acid*. IOP Publishing, 1-5

Noort, R. V. dan Barbour, M. (2013). *Introduction to Dental Materials-E-Book*. Elsevier Health Sciences.

Nurjaman, B. Z., Roestaman, dan E. Walujodjati. (2021). *Pengaruh Penggunaan Agregat Abu Batu sebagai Pengganti Agregat Halus Alami terhadap Sifat-Sifat Beton*. *Jurnal Konstruksi*, 19(1): 31-42

Obaidey, J. K. A. (2020). *The effect of using fly ash on some gypsum plaster properties*. AIP Conference Proceedings, 1-10

Peraturan Pemerintah Republik Indonesia Nomor 101 Tahun 2014. *Pengelolaan Limbah Bahan Berbahaya dan Beracun*. (2014). Lembaran Negara Republik Indonesia Tahun 2014 Nomor 333. Jakarta

Pereira, V. M. dan G. Camarini. (2016). *Evaluation of Dehydration Temperature on Properties of Recycled Gypsum Plaster*. *Trans Tech Publications*, 668: 275-282

Powers, J. M. dan J. C. Wataha. (2013). *Dental Materials Properties and Manipulation*. 10th ed. US: Elsevier

Prasad, M. N. V. (2016). *Resource potential of natural and synthetic gypsum waste*. Elsevier Inc, hal 307-337. <https://doi.org/10.1016/B978-0-12-803837-6.00014-7>

Purnawan, I. dan A. Prabowo. (2017). *Pengaruh Penambahan Limestone terhadap Kuat Tekan Semen Portland Komposit*. *Jurnal Rekayasa Proses*, 11(2): 86-93.

Putra, W. A., Olivia, M., dan E. Saputra. (2020). *Ketahanan Beton Semen Portland Composite Cement (PCC) di Lingkungan Gambut Kabupaten Bengkalis*. *Jurnal Teknik*, 14(1):27-34

Rajiman., Putra, D. G. dan M. A. Susanto. (2020). *Ketahanan Sulfat Semen OPC+ Fly Ash dengan Portland Composite Cement (PCC) pada Mutu Beton K-300*. *Tapak*, 9(2): 100-110

Rivero, A. J. dan J. G. Navarro. (2020). *Management of end-of-life gypsum in a circular economy*. Elsevier Ltd, hal 70-79. <https://doi.org/10.1016/B978-0-12-819055-5.00005-X>

Sakaguchi, R., J. Ferracane, dan J. Powers. (2019). *Craig's Restorative Dental Materials*. 14th ed. Missouri: Elsevier

- Sampebulu, V., Nasruddin, dan P. Mushar. (2018). *Kuat Tekan Beton antara Metode Destructive Test dan Non-Destructive Test pada Beton Ringan Berbahan Fly Ash atau Slag*. Jurnal Lingkungan Binaan Indonesia, 7(2),107-110
- Sari, W.P., Yandi, S. dan Chairunnisa, F. (2021). *Uji Komposisi Gypsum Tipe III Pabrikan dan Gypsum Tipe III Daur Ulang dengan Teknik X-Ray Fluorescence Spectrometer (XRF) dalam Upaya Pemanfaatan Limbah Gypsum Kedokteran Gigi*. Menara Ilmu, 15(1): 1-5.
- Silva, M.V., Lilian, R. de R., Marcia, M. dos A. M., dan Renato, B. de O. (2019). *Phosphogypsum, tropical soil and cement mixtures for asphalt pavements under wet and dry environmental conditions*. Resources, Conservation and Recycling, 144: 123-136.
- Standar Nasional Indonesia 1974 Tahun 2011. *Cara Uji Kuat Tekan Beton dengan Benda Uji Silinder*. Badan Standardisasi Nasional. (2011). Jakarta
- Standar Nasional Indonesia 7064 Tahun 2014. *Semen Portland Komposit*. (2014). Badan Standardisasi Nasional. Jakarta
- Susanto, D., Zulfikar, D., dan M. Olivia. (2019). *Karakteristik Beton Menggunakan Portland Composite Cement (PCC) dan Silica Fume untuk Aplikasi Struktur di Daerah Laut*. Jurnal Rekayasa Sipil, 15(1):1-11
- Sutanto, A., M. Chovistaria, B. Saputra, N. Rahmawati, dan Suprayitno. (2021). *Identifikasi Bakteri Pereduksi Sulfat pada Kawah Air Panas Nirwana Suoh Lampung Barat*. Bioloa, 122-127
- Uddin, M. A., M. Jameel, H. R. Sobuz, M. S. Islam, dan N. M. S. Hasan. (2013). *Experimental Study on Strength Gaining Characteristics of Concrete using Portland Composite Cement*. KSCE Journal of Civil Engineering, 27(4): 789-796
- United States Environmental Protection Agency. (2021). "Recycling Basics". Diakses 23 Februari 2022. <https://www.epa.gov/recycle/recycling-basics>
- Weimann, K., C. Adam, M. Buchert, dan J. Sutter. (2021). *Environmental Evaluation of Gypsum Plasterboard Recycling*. MDPI, 1-13
- Wahyuning, A. P., Z. Hasratiningsih, dan R. Manurung. (2008). *Differentiation of physical and mechanical properties analysis of self made gypsum product with raw material from tasikmalaya with standar ISO and factory made*. Padjajaran Journal of Dentistry. Hal 143-148
- Zakiyuddin, A., D. Joesiana, R. A. Khoirurrijal, dan S. Astutiningsih. (2020). *Recyclability of Dental Gypsum Via Calcination*. Materials Science Forum, 1000:90-96

Zhu, C., J. Zhang, W. Yi, W. Cao, J. Peng, dan J. Liu. (2018). Research on degradation mechanisms of recycled building gypsum. *Construction and Building Materials*,173: 540-549

