

DAFTAR PUSTAKA

- American Concrete Institute. (2019). *ACI318-14 code requirements for design of concrete floor systems 1*.
- Antoni, M., Rossen, J., Martirena, F., & Scrivener, K. (2012). Cement substitution by a combination of metakaolin and limestone. *Cement and Concrete Research*, 42(12), 1579–1589. <https://doi.org/10.1016/j.cemconres.2012.09.006>
- ASTM International. (2016). *Designation: C187 – 16 Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste 1*. <https://doi.org/10.1520/C0187-16>
- ASTM International. (2016). *Designation: C403 - 16 Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance 1*. https://doi.org/10.1520/C0403_C0403M-16
- ASTM International. (2020). *Designation: C1437 - 20 Standard Test Method for Flow of Hydraulic Cement Mortar 1*. <https://doi.org/10.1520/C1437>
- ASTM International. (2021). *Designation: C778 – 21 Standard Specification for Standard Sand*. <https://doi.org/10.1520/C0778-21>
- Ayati, B., Newport, D., Wong, H., & Cheeseman, C. (2022). Low-carbon cements: Potential for low- grade calcined clays to form supplementary cementitious materials. *Cleaner Materials*, 5, 100099. <https://doi.org/10.1016/j.clema.2022.100099>
- Gettu, R., Santhanam, M., Pillai, R., & Dhandapani, Y. (2018). *Recent Research on Limestone Calcined Clay Cement (LC3) at IIT Madras Design for Environmental Excellence : Life Cycle Assessment of Hybrid Composite Structures View project LC3-Limestone Calcined Clay Cement View project*. <https://www.researchgate.net/publication/327201538>
- He, C., Osbaeck, B., & Makovicky, E. (1995). Pozzolanic reactions of six principal clay minerals: Activation, reactivity assessments and technological effects. *Cement and Concrete Research*, 25(8), 1691–1702. [https://doi.org/10.1016/0008-8846\(95\)00165-4](https://doi.org/10.1016/0008-8846(95)00165-4)
- Jaskulski, R., Jóźwiak-Niedźwiedzka, D., & Yakymchko, Y. (2020). Calcined Clay as Supplementary Cementitious Material. *Materials*, 13(21), 4734. <https://doi.org/10.3390/ma13214734>
- Kaminskas, R., Monstvilaite, D., & Valanciene, V. (2018). Influence of low-pozzolanic activity calcined mica clay on hydration and hardening of Portland cement. *Advances in Cement Research*, 30(6), 231–239. <https://doi.org/10.1680/jadcr.17.00092>

- Khaled, Z., Mohsen, A., Soltan, A., & Kohail, M. (2023). Optimization of kaolin into Metakaolin: Calcination Conditions, mix design and curing temperature to develop alkali activated binder. *Ain Shams Engineering Journal*, 102142. <https://doi.org/10.1016/j.asej.2023.102142>
- Lehmann, P., Leshchinsky, B., Gupta, S., Mirus, B. B., Bickel, S., Lu, N., & Or, D. (2021). Clays Are Not Created Equal: How Clay Mineral Type Affects Soil Parameterization. *Geophysical Research Letters*, 48(20). <https://doi.org/10.1029/2021GL095311>
- Manaf, A., & Indrawati, V. (2011). Portland-Blended Cement with Reduced CO₂ using Trass Pozzolan. *Journal of the Korean Chemical Society*, 55(3), 490–494. <https://doi.org/10.5012/jkcs.2011.55.3.490>
- Ram, K., Flegar, M., Serdar, M., & Scrivener, K. (2022). Influence of Low- to Medium-Kaolinite Clay on the Durability of Limestone Calcined Clay Cement (LC3) Concrete. *Materials*, 16(1), 374. <https://doi.org/10.3390/ma16010374>
- Sambhaji Patil, S., Shailesh Jadhav, V., Satish Nalavade, S., & Madhukar Maske, M. (2022). Limestone Calcined Clay Cement as A Green Construction Material. *ASEAN Journal of Science and Engineering Journal Homepage: ASEAN Journal of Science and Engineering*, 2(2), 157–166. <https://doi.org/10.17509/xxxx.xxxx>
- Scrivener, K., Avet, F., Maraghechi, H., Zunino, F., Ston, J., Hanpongpun, W., & Favier, A. (2019). Impacting factors and properties of limestone calcined clay cements (LC³). *Green Materials*, 7(1), 3–14. <https://doi.org/10.1680/jgrma.18.00029>
- Scrivener, K., Martirena, F., Bishnoi, S., & Maity, S. (2018). Calcined clay limestone cements (LC3). *Cement and Concrete Research*, 114, 49–56. <https://doi.org/10.1016/j.cemconres.2017.08.017>
- Sharma, M., Bishnoi, S., Martirena, F., & Scrivener, K. (2021). Limestone calcined clay cement and concrete: A state-of-the-art review. *Cement and Concrete Research*, 149, 106564. <https://doi.org/10.1016/j.cemconres.2021.106564>
- Tironi, A., Trezza, M. A., Scian, A. N., & Irassar, E. F. (2013). Assessment of pozzolanic activity of different calcined clays. *Cement and Concrete Composites*, 37, 319–327. <https://doi.org/10.1016/j.cemconcomp.2013.01.002>