REFERENCES

1. Tu, T.Y., Chen, Y.Y., Hwang, C.L., 2006. *Properties of HPC with recycled aggregates*. Cem.Concr. Res. 36 (5), 943–950. https://doi.org/10.1016/j.cemconres.2005.11.022.
2. Zhutovsky, S., & Kovler, K. (2012). *Effect of internal curing on durability-related properties of high-performance concrete. Cement and Concrete Research, 42(1), 20–26.*
3. Wang. K, Schlorholtz. M, Sritharan. S, Hasitha. S, Wang. X, & Hou. H. (2013), *Investigation into Shrinkage of High-Performance Concrete Used for Iowa Bridge Decks and Overlays.* Institute for Transportation, Iowa State University, 2711 South Loop Drive, Suite 4700 Ames, IA 50010-8664.
4. Neville, A., & Aïtcin, P.-C. (1998). *High performance concrete—An overview. Materials and Structures, 31(2), 111–117.*
5. Rougelot, T., Skoczylas, F., and Burlion, N. (2009). "*Water desorption and shrinkage in mortars and cement pastes: experimental study and poromechanical model," Cement and Concrete Research*, Vol. 39: 36-44.
6. P. C. Aitcin, A.M. Neville, & P. Acker, *Integrated view of shrinkage deformation, Concr. Int.* 19 (9) (1977) 35– 41.
7. E. Holt, *Contribution of mixture design to chemical and autogenous shrinkage of concrete at early ages*, Cem. Concr. Res. 35 (2005) 464–472, https://doi.org/10.1016/j.cemconres.2004.05.009.
8. Hua C, Acker P, Ehrlacher *A., Analyses and models of the autogenous shrinkage ofhardening cement paste*: I. Modelling at macroscopic scale. Cem Concr Res1995;25(7):1457–68.
9. Yang, L., Shi, C., Liu, J., & Wu, Z. (2020). *Factors affecting the effectiveness of internal curing: A review. Construction and Building Materials, 121017.*
10. Rodríguez-Álvaro, R., González-Fonteboa, B., Seara-Paz, S., & Hossain, K. M. A. (2020). *Internally cured high performance concrete with magnesium based expansive agent using coal bottom ash particles as water reservoirs. Construction and Building Materials, 251, 118977.*
11. McCarter, W., & Ben-Saleh, A. (2001). *Influence of practical curing methods on evaporation of water from freshly placed concrete in hot climates. Building and Environment, 36(8), 919–924.*

12. Ramezanianpour, A., Ghahari, S. A., Ramezaninapour, A. M., Esmaeili, K., 2015. *Effect of steam curing on mechanical properties of self-compacting concrete containing pozzolan*. ACI Special Publication 303, 45-56.
13. Weber, S., Reinhardt, H., Ravindra, K. D., & Thomas, D. D. (1999). *Manipulating the water content and microstructure of high performance concrete using autogenous curing*. In K. D. Ravindra & D. D. Thomas (Eds.), Modern concrete materials: Binders, additions and admixtures (pp. 567–577). Thomas Telford Publishing.
14. Beyene, M. A., Munoz, J. F., Meininger, R. C., & Di Bella, C. (2017) *Effect of Internal Curing as Mitigation to Minimize Alkali-Silica Reaction Damage*. ACI Materials Journal, 114(3), 417-428.
15. Streeter, D. A., Wolfe, W. H., and Vaughn, R. E. (2012). *Field performance of internally cured concrete bridge decks in New York State*. In *The Economics, Performance and Sustainability of Internally Cured Concrete, ACI Special Publication 290*. American Concrete Institute, Farmington Hills, MI, 1-16.
16. Schlitter, J., Henkensiefken, R., Castro, J., Raoufi, K., Weiss, J., and Nantung, T. (2010). *Development of internally cured concrete for increased service life*. Publication No. FHWA/IN/JTRP-2010/10, SPR-3211. Joint Transportation Research Program, Purdue University, West Lafayette, IN.
17. Delatte, N., & Crowl, D., *Case Studies of Internal Curing of Bridge Decks in the Greater Cleveland Area,* ACI SP-290 Edited by A.K. Schindler, J.G. Grygar, and W.J. Weiss, 2012.
18. Villareal, V., Crocker, D., *Better Pavements through Internal Hydration: Taking Lightweight Aggregates to the Streets*, Concrete International, February 2007.
19. ACI. (2013). *ACI Concrete Terminology*. ACI CT-13. American Concrete Institute, Farmington Hills, MI.
20. Castro, J., De la Varga, I., Golias, M., & Weiss, W. (2010*). Extending Internal Curing Concepts to Mixtures Containing High Volumes of Fly Ash.* International Bridge Conference.
21. P. Lura, F. Durand, O.M. Jensen, *Autogenous strain of cement pastes with superabsorbent polymers.,* International RILEM Conference on Volume Changes of Hardening Concrete: Testing and Mitigation, RILEM Publications SARL, 2006. 57–65 RILEM Publications SARL.
22. Bentur, A., Igarashi, S. I., & Kovler, K. (2001). *Prevention of autogenous shrinkage in high-strength concrete by internal curing using wet lightweight aggregates*. *Cement and Concrete Research*, *31*(11), 1587–1591.

23. El-Hawary, M., & Al-Sulily, A. (2020). *Internal curing of recycled aggregates concrete. Journal of Cleaner Production, 122911.*
24. Espinoza-Hijazin, G., & Lopez, M. (2011). *Extending internal curing to concrete mixtures with W/C higher than 0.42. Construction and Building Materials, 25(3), 1236–1242.*
25. J. J. Biernacki, A. K. Vazrala and H. W. Leimer, "*sintering of class F fly ash*," *Fuel,* vol. 87, pp. 782-792, 2008.
26. J. Bijen, "Manufacturing process of artificial light weight aggregate from fly ash," *The International Journal of Cement Composite and Light weight Concrete,* vol. 8, no. 3, August 1986.
27. J. M. Fox, "*Changes in fly ash with thermal treatment*," *Material Science,* 2005.
28. P. Dharmasena, "*Magnitude of sedimentation in village tanks*," Trop. Agric. Dept. of Agric., Peradeniya, Sri Lanka, 1992.
29. U. P. Nawagamuwa and R. P. M. C. Senarathna, "*Suitability of silt deposits of irrigation tanks in Angunakolapelessa, Sri Lanka for engineering applications*," *ENGINEER,* vol. 3, pp. 59-67, 2018.
30. Chini, A., Muszynski, L., and Hicks, J. (2003). *Determination of Acceptance Permeability Characteristics for Performance-Related Specifications for Portland Cement Concrete,* Report No. BC 354-41, Florida Department of Transportation, Tallahassee, FL.
31. Castro, J., Spragg, R., & Weiss, J. (2012). *Water Absorption and Electrical Conductivity for Internally Cured Mortars with a W/C between 0.30 and 0.45. Journal of Materials in Civil Engineering, 24(2), 223–231.*
32. D. Baweja, "*Permeability of Concrete*", CSIRO Division of Building, Construction and Engineering, PO Box 310, NORTH RYDE NSW 2113., 1993.
33. Shi, C. (2004). *Effect of mixing proportions of concrete on its electrical conductivity and the rapid chloride permeability test (ASTM C1202 or ASSHTO T277) results. Cement and Concrete Research, 34(3), 537–545.*
34. ASTM-C330/C330M, Standard Specification for Lightweight Aggregates for Structural Concrete, American society for testing and materials, USA: ASTM International, 2009.
35. ASTM-C157 (2017). Standard test method for length change of hardened hydraulic-cement mortar and concrete. *Concrete and Concrete Aggregates Annual Book of ASTM Standards* (04.02).

36. ASTM-C1761/C1761M (2017). Standard specification for lightweight aggregate for internal curing of concrete.
37. M. Bandara, W.K.Mampearachchi and T.Anojan, "*Enhance the Properties of concrete using pre-developed burnt clay chips as internally curing concrete aggregate*," *Case studies in Construction Materials,* vol. 11, 2019.
38. Tharshikan, T. (2021). *Investigate the suitability of sintered fly ash aggregate as a fine aggregate replacement material in construction industry*. [Master thesis, University of Moratuwa].
39. 39. Piradeep, K. I. (2021*). Investigate the use of industrial waste as a fine aggregate replacement for construction industry*. [Master thesis, University of Moratuwa].