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- Bingol, S., Bilim, C., Atis, C.D. and Durak, U. (2020), “Durability Properties of Geopolymer Mortars Containing Slag”, *IJST.T.Civ.Eng.* (Published online 3rd January 2020)  
<https://doi.org/10.1007/s40996-019-00337-0>
- BS 6699 (1992), Specification for Ground granulated blast furnace slag for use with Portland cement, British Standards Institution; UK.
- Hameed, A.M., Rawdhan, R.R. and Al-Mishhadani, S.A. (2017), “Effect of various factors on the manufacturing of geopolymer mortar”, *Arch. Sci.*, **1**(3), 1-8.
- Huseien, G.F., Mirza, J., Ismail, M., Ghoshal S.K. and Hussein, A.A. (2017), “Geopolymer mortars as sustainable repair material: A comprehensive review”, *Renew. Sust. Energ. Rev.*, **80**, 54-74.  
<http://dx.doi.org/10.1016/j.rser.2017.05.076>
- IS 12089 (1987), Specification for Granulated Slag for the Manufacture of Portland Slag Cement, *Bureau of Indian Standards (BIS)*; New Delhi, India.
- IS 1727 (1967), Indian Standard Methods of Test for Pozzolanic Materials, *Bureau of Indian Standards (BIS)*; New Delhi, India.
- IS 3812 (2003), Specification for Fly Ash for use as Pozzolana and Admixture, *Bureau of Indian Standards (BIS)*; New Delhi, India.
- IS 383 (1970), Specifications for Coarse and Fine Aggregate from natural sources for concrete, *Bureau of Indian Standards (BIS)*; New Delhi, India.
- Katpady, D.N., Takewaka, K. and Yamaguchi, T. (2015), “Development of geopolymer with pyroclastic flow deposit called Shirasu”, *Adv. Mater. Res., Int. J.*, **4**(3), 179-192. <http://doi.org/10.12989/amr.2015.4.3.179>
- Kaur, M., Singh, J. and Kaur, M. (2018), “Synthesis of fly ash based geopolymer mortar considering different concentrations and combinations of alkaline activator solution”, *Ceram. Int.*, **44**(2), 1534-1537.  
<https://doi.org/10.1016/j.ceramint.2017.10.071>
- Khatara, H.M. and Abd el Gawaad, H.A. (2015), “Characterization of alkali activated geopolymer mortar doped with MWCNT”, *Adv. Mater. Res., Int. J.*, **4**(1), 45-61. <http://doi.org/10.12989/amr.2015.4.1.045>
- Kotwal, A.R., Kim, Y.J., Hu, J. and Sriraman, V. (2015), “Characterization and early age physical properties of ambient cured geopolymer mortar based on class C fly ash”, *Int. J. Concr. Struct. Mater.*, **9**(1), 35-43.  
<https://doi.org/10.1007/s40069-014-0085-0>
- Saloma, Iqbal, M.M. and Aqil, I. (2017), “Sulfate resistance of fly ash-based geopolymer mortar”, *Proceedings of AIP Conference – 3<sup>rd</sup> Electronic and Green Materials International Conference*, Krabi, Thailand, April.
- Subekti, S., Bayuaji, R., Darmawan, M.S., Husin, N.A., Wibowo, B., Anugraha, B., Irawan, S. and Dibiantara, D. (2017), “Review: Potential Strength of Fly Ash-Based Geopolymer Paste with Substitution of Local Waste Materials with High Temperature Effect”, *Proceedings of IOP Conference Series: Materials Science and Engineering - International Conference of Applied Science and Technology for Infrastructure Engineering*, Surabaya, East Java, Indonesia, August.
- Thokchom, S., Ghosh, P. and Ghosh, S. (2009), “Effect of Na<sub>2</sub>O Content on Durability of Geopolymer Mortars in Sulphuric Acid.”, *Int. J. Civ. Env. Eng.*, **3**(3), 193-198. ISNI: 0000000091950263
- Vafaei, M. and Allahverdi, A. (2017), “Durability of geopolymer mortar based on waste-glass powder and calcium aluminate cement in acid solutions”, *J. Mater. Civ. Eng.*, **29**(10).  
[https://doi.org/10.1061/\(ASCE\)MT.1943-5533.0002053](https://doi.org/10.1061/(ASCE)MT.1943-5533.0002053)
- Zailani, W.A., Abdullah, M.A., Zarinol, M.M., Razak, R.A. and Tahir, M.M. (2017), “Compressive and bonding strength of fly ash based geopolymer mortar”, *Proceedings of AIP Conference – 3<sup>rd</sup> Electronic and Green Materials International Conference*, Krabi, Thailand, April.
- Zhang, P., Zheng, Y., Wang, K. and Zhang, J. (2018), “A review on properties of fresh and hardened geopolymer mortar”, *Compos. B. Eng.*, **152**(1), 79-95. <https://doi.org/10.1016/j.compositesb.2018.06.031>