

## BIBLIOGRAPHY

- [1] Fergus Rupert Fitzgerald, “ COATING SYSTEM COMPRISING A DRY POWDER COMPOSITION DISPERSIBLE IN WATER”. USA Patent US 7,205,031 B2, 17 04 2007.
- [2] Eva Paz, Julian Narbon, Juana Abenojar, M.M.Cledera-Castro, Juan Del Real, “Influence of Acrylic Adhesive viscosity and Surface Roughness on the properties of Adhesive joint,” *The Journal of adhesion*, vol. 11, p. 92, 4 2015 July.
- [3] D. D. Nguyen • L. P. Devlin • P. Koshy • C. C. Sorrell, “Impact of water-soluble cellulose ethers on polymer-modified mortars,” *Journal of Materials Science*, pp. 923-928, 2013.
- [4] J. M. L. VILAS BOAS, S. L. MACHADO, S. A. PINTO, “Filter paper method to determine the water retention curves for mortar and cement samples,” *SCIELO*, July/August 2016.
- [5] A. T. R. & B. E. Lang J., “Skim coats-How Organic Additives improve the Quality,” in *3 rd Indian Drymix Mortar Conference*, Mumbai, 2014.
- [6] A. D. C. Marco Cappellari, “Influence of organic thickening admixtures on the rheological properties of mortars: Relationship with water-retention,” *ScienceDirect*, vol. 38, pp. 950-961, 2013.
- [7] Teresa M.Pque, Stefan Bauergger, Johann Plank, “Influence of temperature and moisture on the shelf-life of cement admixed with re-dispersible polymer powder,” *Construction and Building Materials*, vol. 115, pp. 336-344, 2016.
- [8] S.P.Zhang, L.Zong, “Evaluation of Relationship between Water Absorption and Durability of Concrete Materials,” *Advances in Materials Science and Engineering*, vol. 2014, p. 8, Apri,2014.
- [9] O. Ruskulis, *Hydraulic Lime: An Introduction*, United Kingdom: Practical Action, United Kingdom, 2014.

- [10] Nataliya Lushnikova, Leonid Dvorkin, Sustainability of gypsum products as a construction material, Woodhead Publishing, August 2016.
- [11] H. c. g. Indocement, “Manufacture Test Certificate,” Indocement group, West Java-Indonesia, 2018.
- [12] M.W.Bligh, M.N.d'Eurydice, R.R.Llyod, C.H.Arns, T.D.Waite, “Investigation of early hydration dynamics and microstructural development in OPC using H NMR relaxometry and isothermal calorimetry,” *Cement and Concrete Research*, vol. 83, pp. 131-139, 2016.
- [13] Pauline L. Nasatto 1,2,\* , Frédéric Pignon 2,3, Joana L. M. Silveira 1, “Methylcellulose, a Cellulose Derivative with Original Physical Properties and Extended Applications,” *Polymers*, vol. 7, pp. 777-803, 2015.
- [14] J.Pourchez,A.Peschard,B.Guilhot,P.Grosseau,R.Guyonnet,B.Guilhot,F.Vallee, “HPMC and HEMC influence of cement hydration,” *Cement and Conctete research*, vol. 36, pp. 288-294, 2006.
- [15] Jean-Yves Petit,Eric Wirquin, “Evaluation of various cellulose ethers performance in ceramic tile adhesive mortars,” *International Journal of Adhesion and Adhesive*, vol. 40, pp. 202-209, 2013.
- [16] D. D. Nguyen • L. P. Devlin • P. Koshy • C. C. Sorrell, “Impact of water-soluble cellulose ethers on polymer-modified mortars,” *Materials Science*, pp. 924-951, September 2013.
- [17] R. Horbart M.king (Ph.D, “Dolomite(mineral),” *GeologyScience News and information*, 2005.
- [18] D. Zubriggen, “Influence of redispersible powder on Shrinkage,hydration behaviours and microstructure of tile adhesive,” Elotex AG,Industriestr, Sempach Station, 1998.
- [19] Joachim Schulze, Otmar Killermann, “Long-term performance of redispersible powders in mortars,” *Cement and Concrete Research* , vol. 31, pp. 357-361, 2001.

- [20] ASTM International, *ASTM C191-19, Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle*, West Conshohocken, PA: ASTM International, , 2019.
- [21] Jie Fan, Gengying Li, Sijie Deng and Zhongkun Wang, “Mechanical Properties and Microstructure of Polyvinyl Alcohol (PVA) Modified Cement Mortar,” *Applied science*, vol. 2178, p. 9, 2019.
- [22] Ru Wang, Pei Wang, “Action of redispersible vinyl acetate and versatate copolymer powder in cement mortar,” *Construction and Building Materials*, vol. 25, pp. 4211-4214, 2011.
- [23] Carlos Eduardo M. Gomes, Osny P. Ferreira , “Analyses of Microstructural Properties of VA/VeoVA Copolymer Modified Cement Pastes,” *Ciência e Tecnologia*, vol. 15, pp. 193-198, 2005.
- [24] Marco Cappellari, Anne Daubresse, Mohend Chaouche, “Influence of Organic thickening admixture on the rheological properties of mortars: Relationship with water retention,” *Construction & Building Materials*, vol. 38, pp. 950-961, 2013.
- [25] J. Pourchez B. Ruot, J. Debayle, E. Pourchez, P. Grosseau , “Some aspects of cellulose ethers influence on water transport and porous structure of cement-based materials,” *Cement and Concrete Research*, vol. 40, pp. 242-252, 2010.
- [26] A. J. Pourchez, “HPMC and HEMC influence on cement hydration,” *Cement and Concrete Research*, vol. 36, pp. 288-294, 2006.
- [27] D. D. J. F. Marcin Kulesza, “Effect of redispersible polymer powder on setting time of thin bed mortars,” in *MATEC Web of Conferences 163, 04005 (2018)*, 2018.
- [28] Mateuz Wyrzykowski, Rene Kieswetter, Beat Munch, Robert Baumann, Pietro Lura, “Pore structure of mortar with cellulose ether addition-Study of the air-void structure,” *Cement & Concrete Composite*, vol. 62, pp. 117-124, 2015.
- [29] Ramachandra S.R. Kalidindi, Raghavan Subasri, “Sol-gel nanocomposite hard coatings,” in *Anti-Abrasive Nanocoatings*, WOODHEAD PUBLISHING, 2015, pp. 105-136.

- [30] J. Szymanowski, “Evaluation of the Adhesion between Overlays and Substrates in Concrete Floors: Literature Survey, Recent Non-Destructive and Semi-Destructive Testing Methods, and Research Gaps,” *Buildings*, vol. 9, p. 23, September 2019.