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Influence of carbonation on the properties of reactive magnesia cement-based pressed masonry units

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#	Paper	IF	Citations
96	Ultra-green construction: reactive magnesia masonry products. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2009 , 162, 185-196	0.5	31
95	Recent advances in the field of cement hydration and microstructure analysis. <i>Cement and Concrete Research</i> , 2011 , 41, 666-678	10.3	122
94	Scaled-up commercial production of reactive magnesium cement pressed masonry units. Part I: Production. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2012 , 165, 211-223	0.8	31
93	Performance of magnesia cements in porous blocks in acid and magnesium environments. <i>Advances in Cement Research</i> , 2012 , 24, 221-232	1.8	46
92	Effects of accelerated carbonation on the microstructure of Portland cement pastes containing reactive MgO. <i>Cement and Concrete Research</i> , 2012 , 42, 769-777	10.3	148
91	Carbonating magnesia for soil stabilization. <i>Canadian Geotechnical Journal</i> , 2013 , 50, 899-905	3.2	69
90	Evaluation on Hydration Reactivity of Reactive Magnesium Oxide Prepared by Calcining Magnesite at Lower Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 6430-6437	3.9	14
89	Properties of binary and ternary reactive MgO mortar blends subjected to CO ₂ curing. <i>Cement and Concrete Composites</i> , 2013 , 38, 40-49	8.6	59
88	Impact of hydrated magnesium carbonate additives on the carbonation of reactive MgO cements. <i>Cement and Concrete Research</i> , 2013 , 54, 87-97	10.3	153
87	Effects of Reactive Magnesia on Microstructure and Frost Durability of Portland CementBased Binders. <i>Journal of Materials in Civil Engineering</i> , 2013 , 25, 1941-1950	3	18
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85	Enhancing the carbonation of MgO cement porous blocks through improved curing conditions. <i>Cement and Concrete Research</i> , 2014 , 59, 55-65	10.3	134
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83	Physical properties, electrical resistivity, and strength characteristics of carbonated silty soil admixed with reactive magnesia. <i>Canadian Geotechnical Journal</i> , 2015 , 52, 1699-1713	3.2	50
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81	Experimental study on mechanical and acid-alkali properties of reactive magnesia carbonated-stabilized soil. <i>Japanese Geotechnical Society Special Publication</i> , 2016 , 2, 317-320	0.2	0
80	Effectiveness of using CO ₂ pressure to enhance the carbonation of Portland cement-fly ash-MgO mortars. <i>Cement and Concrete Composites</i> , 2016 , 70, 78-85	8.6	33

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77	Property changes of reactive magnesia-stabilized soil subjected to forced carbonation. <i>Canadian Geotechnical Journal</i> , 2016 , 53, 314-325	3.2	33
76	Development of low-carbon cementitious materials via carbonating Portland cement fly ash/magnesia blends under various curing scenarios: a comparative study. <i>Journal of Cleaner Production</i> , 2017 , 163, 252-261	10.3	37
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73	Effect of air entrainment on the performance of reactive MgO and PC mixes. <i>Construction and Building Materials</i> , 2017 , 142, 221-232	6.7	25
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