



Volume 57, Issue 9

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Microbial-induced carbonate reinforcement for 3D-printed concrete: testing in printable and mechanical strength

Herui ZhaoQuan JiangJianpo Liu

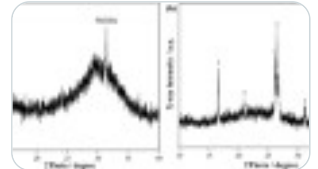
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Effect of lime neutralization wastewater on the performance of alkali-activated slag/fly ash mortars

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Industrialisation of calcined clay cements: past, present, and future: a paper of RILEM TC 282-CCL

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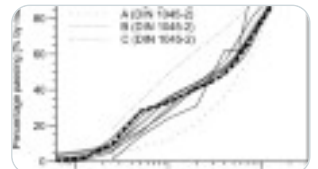
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Report of RILEM TC 281-CCC: outcomes of a round robin on the resistance to natural carbonation of Portland, Portland-fly ash and blast-furnace cements and its relation to accelerated carbonation

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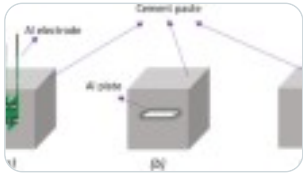
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In situ determination of cement paste porosity in parallel with corrosion study of aluminium alloy 1100 in Portland cement pastes

Xiang LiSébastien CaesBruno Kursten

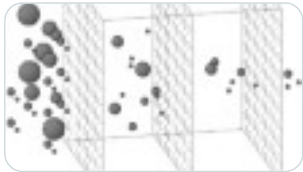
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Experimental research into the injectability of cement grouts in reef limestone

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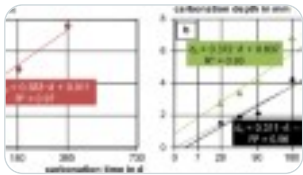


Report of RILEM TC 281-CCC: insights into factors affecting the carbonation rate of concrete with SCMs revealed from data mining and machine learning approaches

A. VollprachtG. J. G. GluthN. De Belie

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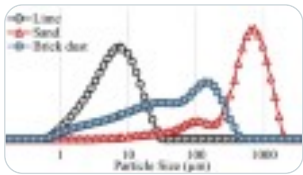
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Enhancing the freeze thaw resistance of pozzolanic lime mortars by optimising the dewatering process

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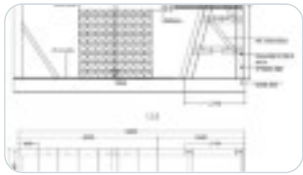
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Assessment of carbonation and corrosion in a 50-year-old reinforced concrete building

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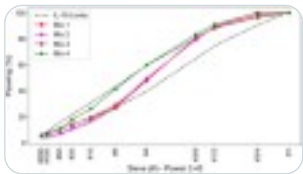
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Backcalculation of asphalt concrete Poisson's ratio using the ultrasonic pulse velocity test

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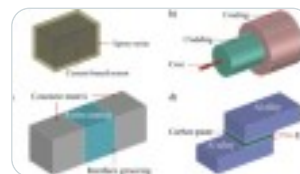
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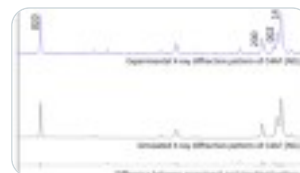
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Enhanced hydration reaction of synthesized $C_4A_{0.81}F_{1.19}$ with the use of different grinding agents

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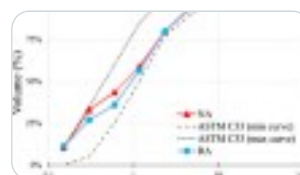
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Local bond properties of steel rebar embedded in poured earth concrete: effect of recycled fine aggregate and rebar diameter

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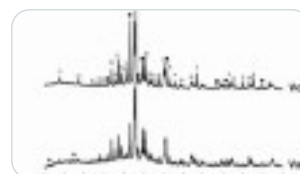
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Insight on physical–mechanical properties of one-part alkali-activated materials based on volcanic deposits of Mt. Etna (Italy) and their durability against ageing tests

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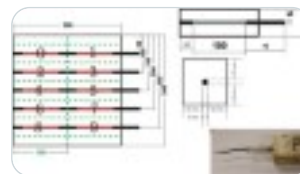
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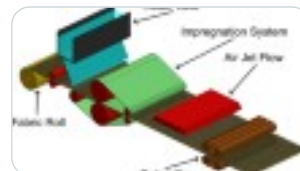
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Manufacturing and mechanical performance of lightened gypsum reinforced by hemp/epoxy composites

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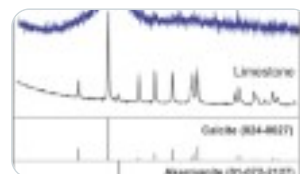
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Limestone impact on properties, microstructure and CO₂ emissions of waste glass-activated blast furnace slag cements

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Alkali-Silica potential in fly-ash-based geopolymer concrete

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