

Analysis of ancient mortars and design of compatible re
Odeion of the archaeological site of Dion

Construction and Building Materials

40, 84-92

DOI: [10.1016/j.conbuildmat.2012.09.086](https://doi.org/10.1016/j.conbuildmat.2012.09.086)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Influence and effectiveness of water-repellent admixtures on pozzolana lime mortars for restoration application. <i>Construction and Building Materials</i> , 2013, 49, 272-280.	3.2	42
2	Analysis and characterization of hydraulic mortars from ancient cisterns and baths in Greece. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 571-580.	1.3	28
3	Recolonization of mortars by endolithic organisms on the walls of San Roque church in Campeche (Mexico): A case of tertiary bioreceptivity. <i>Construction and Building Materials</i> , 2014, 53, 348-359.	3.2	27
4	The history of Portuguese interior plaster coatings: A mineralogical survey using XRD. <i>Archaeometry</i> , 2015, 57, 147-165.	0.6	4
5	Statistical analysis of the physical properties and durability of water-repellent mortars made with limestone cement, natural hydraulic lime and pozzolana-lime. <i>Construction and Building Materials</i> , 2015, 78, 260-270.	3.2	18
6	Commercial NHL-containing mortars for the preservation of historical architecture. Part 2: Durability to salt decay. <i>Construction and Building Materials</i> , 2015, 96, 198-208.	3.2	24
7	Knowing from the past – Ingredients and technology of ancient mortar used in Vadakumnathan temple, Tirussur, Kerala, India. <i>Journal of Building Engineering</i> , 2015, 4, 101-112.	1.6	39
8	The effects of site practice on the physical properties of proprietary stone restoration mortar. <i>Construction and Building Materials</i> , 2015, 75, 359-367.	3.2	13
9	Amelioration of crushed brick - lime composites using nano-additives. <i>Cement and Concrete Composites</i> , 2016, 68, 77-87.	4.6	26
10	A new methodology to recognize the use of long aged lime putties. <i>Thermochimica Acta</i> , 2016, 637, 96-101.	1.2	0
11	A multi-analytical approach applied to the archaeometric study of mortars from the Forty Martyrs rupestrian complex in Cappadocia (Turkey). <i>Microchemical Journal</i> , 2016, 125, 34-42.	2.3	6
12	Composition, uses, provenance and stability of rocks and ancient mortars in a Theban Tomb in Luxor (Egypt). <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 941-960.	1.3	17
13	The effects of the different curing conditions and the role of added aggregate in the strength of repair mortars. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	4
14	The Study of the Historic Buildings of Eclecticism in Thessaloniki Under the Prism of Sustainability. <i>Procedia Environmental Sciences</i> , 2017, 38, 283-289.	1.3	10
15	A methodological approach for the selection of compatible and performable restoration mortars in seismic hazard areas. <i>Construction and Building Materials</i> , 2017, 155, 1-14.	3.2	29
16	The ancient pozzolanic mortars and concretes of Heliocaminus baths in Hadrian's Villa (Tivoli, Italy). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 523-553.	0.7	34
17	Compatible Mortars for the Sustainable Conservation of Stone in Masonries. , 2018, , 97-123.		6
18	Characterization of pozzolanic lime mortars used as filling material in shaped grooves for restoring member connections in ancient monuments. <i>International Journal of Architectural Heritage</i> , 2018, 12, 75-90.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Development and testing of repair mortars for floor mosaic substrates. <i>Journal of Building Engineering</i> , 2018, 20, 501-509.	1.6	10
20	Performance of lime-based mortars at elevated temperatures. <i>Construction and Building Materials</i> , 2018, 189, 576-584.	3.2	33
21	Study of the historical mortars of the Holy Aedicule as a basis for the design, application and assessment of repair mortars: A multispectral approach applied on the Holy Aedicule. <i>Construction and Building Materials</i> , 2018, 181, 618-637.	3.2	23
22	Chronological Classification of Ancient Mortars Employing Spectroscopy and Spectrometry Techniques: Sagunto (Valencia, Spain) Case. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-10.	0.6	14
23	Technology of multilayer mortars applied in ancient floor mosaic substrates. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 683-691.	0.2	8
24	Valorization of crushed bricks in lime-based mortars. <i>Construction and Building Materials</i> , 2019, 226, 555-563.	3.2	27
25	Service life assessment of renders on the basis of changes of physical and mechanical properties during simulated weathering. <i>Construction and Building Materials</i> , 2019, 229, 117003.	3.2	5
26	Determination of The Physical and Mechanical Properties of the Materials Used in The Northern City Walls of Historical Sinop Castle. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 471, 082039.	0.3	1
27	FTIR-Based Crystallinity Assessment of Aragoniteâ€“Calcite Mixtures in Archaeological Lime Binders Altered by Diagenesis. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 121.	0.8	43
28	An investigation to establish the source of the Roman lime mortars used in Wallsend, UK. <i>Construction and Building Materials</i> , 2019, 196, 611-625.	3.2	8
29	Effect of natural polymers from <i>cissus glauca roxb</i> on the mechanical and durability properties of hydraulic lime mortar. <i>International Journal of Architectural Heritage</i> , 2019, 13, 229-243.	1.7	20
30	A scientific study on the role of organic lime mortars of Padmanabhapuram Palace, Thuckalay, Tamilnadu, India. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	7
31	The influence of pre-wetting with consolidants on the adhesion of double-layer lime based mortars. <i>Journal of Cultural Heritage</i> , 2020, 46, 21-30.	1.5	6
32	Physicochemical Characterization of Historical Coating Mortars â€“ Case Studies in South Brazil. <i>International Journal of Architectural Heritage</i> , 2020, , 1-19.	1.7	1
33	Accelerate ageing on building stone materials by simulating daily, seasonal thermo-hygrometric conditions and solar radiation of Csa Mediterranean climate. <i>Construction and Building Materials</i> , 2021, 266, 121009.	3.2	29
34	Properties of Mortars with Recycled Stone Aggregate for the Reconstruction of Sandstone in Historic Buildings. <i>Sustainability</i> , 2021, 13, 1386.	1.6	2
35	RILEM TC 277-LHS report: a review on the mechanisms of setting and hardening of lime-based binding systems. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	1.3	36
37	Laser-Induced Breakdown Spectroscopy elemental mapping of the construction material from the Smederevo Fortress (Republic of Serbia). <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 181, 106219.	1.5	11

#	ARTICLE	IF	CITATIONS
38	Investigating the manufacturing technology and durability of lime mortars from Amaiur Castle (Navarre, Spain): A chemical– mineralogical and physical study. <i>Construction and Building Materials</i> , 2021, 299, 123975.	3.2	6
39	Study of the Building Materials and Techniques of Mixed-Type Structures from the Nineteenth to the Twentieth Century. , 2018, , 407-413.		1
40	A petrochemical study of Mughal plasters of Quila-I-Ark, Aurangabad with respect to technology and repair. <i>History of Science and Technology</i> , 2020, 10, 163-184.	0.3	1
41	Valorisation of waste glass powder and brick dust in air-lime mortars for restoration of historical buildings: Case study theatre of Skikda (Northern Algeria). <i>Construction and Building Materials</i> , 2022, 315, 125681.	3.2	14
42	High-performing mortar-based materials from the late imperial baths of Aquileia: An outstanding example of Roman building tradition in Northern Italy. <i>Geoarchaeology - an International Journal</i> , 2022, 37, 637-657.	0.7	9
43	Lime Mortar, a Boon to the Environment: Characterization Case Study and Overview. <i>Sustainability</i> , 2022, 14, 6481.	1.6	6
44	Influence of Anti-cracking Fiber on Properties of Traditional Sticky Rice-lime Mortar. <i>Studies in Conservation</i> , 2023, 68, 679-690.	0.6	1
45	Fuzzy comprehensive evaluation of the compatibility of restoration materials – Case study in the rammed earth restoration of the M2 Han tomb in Dingtao, Shandong Province. <i>Journal of Cultural Heritage</i> , 2022, 57, 131-141.	1.5	8
46	A Selection Method for Restoration Mortars Using Sustainability and Compatibility Criteria. <i>Geosciences (Switzerland)</i> , 2022, 12, 362.	1.0	1
47	Thermal renders for traditional and historic masonry walls: Comparative study and recommendations for hygric compatibility. <i>Building and Environment</i> , 2023, 228, 109737.	3.0	9
48	The usability of the brick dust and blast furnace slag in zeolite-based lime mortars in different curing environments. <i>Ceramics International</i> , 2023, 49, 4046-4054.	2.3	4
49	Estimation of the linseed oil content in historic lime mortar. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 697-709.	2.0	1
50	Exploitation of waste perlite products in lime-based mortars and grouts. <i>Sustainable Chemistry and Pharmacy</i> , 2023, 32, 101024.	1.6	2
52	Criteria for the Utilization of Perlite By-products in Traditional Mortars. <i>RILEM Bookseries</i> , 2023, , 374-385.	0.2	0
53	Development and Testing of Lime Based Mortars Using Perlite By - Products. <i>RILEM Bookseries</i> , 2023, , 386-395.	0.2	0
57	CHALCEDONITE-BASED REPAIR MORTARS APPLICABLE IN HISTORIC BUILDINGS – ½ SALT CRYSTALLIZATION RESISTANCE. , 2023, , .		0