

1. Record Nr.	UNINA9910715074603321
Titolo	Built heritage evaluation : manual using simple test methods // edited by A. Elena Charola [and three others]
Pubbl/distr/stampa	Washington, D.C. : , : Smithsonian Scholarly Press, , 2021
Descrizione fisica	1 online resource (x, 46 pages)
Collana	Smithsonian contribution to knowledge
Disciplina	720.288
Soggetti	Historic preservation Building materials - Evaluation Handbooks and manuals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Examining condition : simple microscopy / Jorge Otero and A. Elena Charola -- 2. Investigating salt problems : ION test strips / A. Elena Charola and Jorge Otero -- 3. Assessing surface cohesion : the scotch tape test / Jorge Otero and A. Elena Charola -- 4. Investigating differential weathering : the RILEM tube water absorption test / A. Elena Charola and Jorge Otero -- 5. Comparing material compatibility : the water vapor transmission test / Jorge Otero and A. Elena Charola -- 6. Three sequential tests for materials evaluation : capillary water absorption coefficient, total immersion, and evaporation curves / A. Elena Charola and Jorge Otero.
Sommario/riassunto	"This manual describes simple tests for evaluating the condition of built heritage and cultural monuments. The tests were selected for their simplicity and widespread availability, especially in countries where few institutions deal with the conservation of important buildings or monuments and where laboratories capable of the necessary analyses are scarce. Most tests can be carried out without the resources of a complete conservation laboratory. Methods include microscopy, ion test strips, the Scotch Tape test, RILEM tube water absorption, water vapor transmission, and three tests that can be run sequentially- capillary water absorption coefficient, total immersion, and evaporation curves. Some of these tests aid in the examination of building materials and the characterization of salts and other condition problems, which

will help to determine the appropriate methods and materials for conservation and restoration"
