

1. Record Nr.	UNINA9910451890303321
Titolo	Durability of building materials and components 7 : testing, design and standardisation : proceedings of the seventh International Conference on Durability of Building Materials and Components, 7DBMC : Stockholm, Sweden, 19-23 May, 1996 / / edited by Christer Sjostrom
Pubbl/distr/stampa	London ; ; New York : , : Taylor & Francis, , 1996
ISBN	1-280-24139-X 1-315-02501-9 1-136-74633-1 1-4294-0259-8
Edizione	[First edition.]
Descrizione fisica	1 online resource (685 p.)
Collana	Testing, Design and Standardisation ; ; Volume Two
Altri autori (Persone)	SjostromChrister
Disciplina	691
Soggetti	Building materials - Service life Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Co-sponsored by American Society for Testing and Materials, USA (ASTM). [et al.]."
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Cover; Half Title; Title Page; Copyright Page; Table of Contents; Preface; Technical Committee; PART FIVE SERVICE LIFE DATA; 81 Reducing life cycle costs of concrete structures: from routine testing to total quality management; 82 Life span assessment of building materials; 83 Factors affecting components in the life-time costs of buildings; 84 Life cycle assessment of building materials: a comparison by ELECTRE methodology; 85 Roller compacted concrete pavements: compared life cost and practical experiences; 86 The meaning of life 87 A tool for improving the environmental quality of building products88 BELCAM project: service life, durability and asset management research; 89 A review of service life and durability issues; PART SIX FIELD STUDIES AND EVALUATION METHODS; 90 In-service performance of reinforced concrete in the Tees Barrage; 91 A maintenance prediction model for apartment housing; 92 Does interface testing improve the durability of high-performance cladding?; 93 Atmospheric corrosion testing of structural metals; 94 Fundamental

study on evaluation of concrete qualities by acoustic emission  
95 On a new in-situ test method for permeability of concrete  
96 A study on SEM examination for durability assessment of structural concrete;  
97 A methodology for determining component service life; 98 The behaviour of an industrial steel hall during the exploitation period; 99 Corrosion rate field monitoring of post-tensioned tendons in contact with chlorides; 100 Full-scale models for the calibration of laboratory ageing tests; 101 The natural durability of Thai timber; 102 Deterioration of concrete breakwaters in cold climates; 103 Long term ageing tests  
104 Studies on durability of concrete in Singapore: chloride ingress and leaching  
105 Inventory of air pollution damage to historic buildings in Sweden; PART SEVEN SERVICE LIFE TESTING; 106 Predictive service life tests for roofing membranes: Phase 2; 107 Overview of field and laboratory study of concrete repair durability; 108 On the functional evaluation of road aggregates; 109 A new methodology for the accelerated simulation of environmental attacks; 110 Accelerated carbonation test by step response method  
111 Durability evaluation of elastic putty for repairing concrete cracks through a dynamic outdoor exposure test  
112 Accelerated life testing for service life assessment of solar absorbers; 113 Frost resistance of natural stones in the Nordic countries; 114 Studies of the degradation of building materials by isothermal microcalorimetry; 115 A method for testing moisture conditions in painted wood panelling; 116 Analytical and experimental approaches to a concrete durability case; 117 Practical approaches to weathering test design for the prediction of material service life  
118 Durability of concrete containing limestone aggregates exposed to cyclic thermal loading

---

Sommario/riassunto

First Published in 2004. Routledge is an imprint of Taylor & Francis, an informa company.