

# Contents

<b>1</b>	<b>A Probabilistic Framework for Performance-Based Durability Engineering . . . . .</b>	<b>1</b>
	Madeleine Flint, Jack Baker and Sarah Billington	
<b>2</b>	<b>Planned Preventive Maintenance Activities: Analysis of Guidance Documents . . . . .</b>	<b>35</b>
	Sónia Raposo, Jorge de Brito and Manuel Fonseca	
<b>3</b>	<b>Microstructure of Cement Paste Blended with Micronized Sand (MS) . . . . .</b>	<b>61</b>
	Ying Wang, Guang Ye and K. van Breugel	
<b>4</b>	<b>Durability of Interior Renderings in Schools: Optimization of Envelope Insulation for Mitigation of Mould Growth Risk. . . .</b>	<b>85</b>
	N. M. M. Ramos, I. M. Ribeiro, J. M. P. Q. Delgado and V. P. de Freitas	
<b>5</b>	<b>Influence of Air Lime type and Curing Conditions on Lime and Lime-Metakaolin Mortars . . . . .</b>	<b>105</b>
	Paulina Faria and Ana Martins	
<b>6</b>	<b>Effects of Ageing and Moisture on Thermal Performance of ETICS Cladding. . . . .</b>	<b>127</b>
	Bruno Daniotti, Riccardo Paolini and Fulvio Re Cecconi	
<b>7</b>	<b>Durability Assessment of Adhesive Systems for Bonding Ceramic Tiles on Façades: The Research and the Practice. . . . .</b>	<b>173</b>
	Vasco Peixoto de Freitas, Helena Corvacho, Marisa Quintela and J. M. P. Q. Delgado	

<b>8</b>	<b>Behavior to Salt Crystallization of Repointing by Ready-Mix Mortars: Experimental Data and Application of a Probabilistic Model . . . . .</b>	<b>207</b>
	Luigia Binda, Elsa Garavaglia and Cristina Tedeschi	
<b>9</b>	<b>Environmental Factors Affecting Corrosion of Steel Inserts in Ancient Masonry. . . . .</b>	<b>229</b>
	L. Bertolini, M. Carsana, B. Daniotti and E. Marra	
<b>10</b>	<b>Corrosion of Reinforcement in Existing Concrete Façades . . . . .</b>	<b>253</b>
	Jukka Lahdensivu, Hanna Mäkelä and Pentti Pirinen	

Durability of Building Materials and Components

de Freitas, V.P.; Delgado, J.M.P.Q. (Eds.)

2013, VIII, 274 p., Hardcover

ISBN: 978-3-642-37474-6