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Cement and Concrete Research 2383 (2003) 1

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## Book review

### 2 **Dauerhaftigkeit von Beton (Durability of Concrete)**

3 By Jochen Stark and Bernd Wicht, Birkhauser Verlag,  
4 Basel, Switzerland, 2001; 340 pages, 221 figures, 42 tables  
5 (in German)

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7 This book deals comprehensively with concrete durabi-  
8 lity, a subject of increasing interest to concrete technologists.  
9 The areas covered include: manufacturing of durable  
10 concrete, carbonation, neutralization of concrete surface  
11 by sulfur dioxide and oxide of nitrogen present in air, effect  
12 of chlorides, sulfate attack including delayed ettringite  
13 formation, frost resistance, concrete corrosion due to  
14 microbiological factors and alkali-silica reaction. In the  
15 individual sections, the mechanism how the damage  
16 develops, how the damaged concrete looks, how the  
17 damage is to be prevented and the possibilities of repairing

the damaged concrete are discussed. Also discussed is the 18  
effect of individual factors not only on plain concrete but 19  
also on embedded steel. Each chapter is adequately covered 20  
with pertinent references. A very positive factor are the 21  
numerous tables, illustrations and color photographs which 22  
may help the reader to follow the text, which is written in 23  
German. The book may serve as a valuable source of 24  
information to everyone interested in concrete durability. 25

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