



BS 5075 : Part 1 : 1982

UDC 666.972.166 : 693.542.4

© British Standards Institution. No part of this publication may be photocopied or otherwise reproduced without the prior permission in writing of BSI.

Concrete admixtures

Part 1. Specification for accelerating admixtures, retarding admixtures and water reducing admixtures

Adjuvants de béton

Partie 1. Spécification pour les accélérateurs, les retardateurs et les réducteurs d'eau

Betonzusatzstoffe

Teil 1. Spezifikation für Beschleunigungsmittel, Verzögerungsmittel und Entwässerungsmittel

British Standards Institution

BS 5075 : Part 1 : 1982

Contents

	Page		Page
Foreword	1	E. Determination of the chloride ion content of admixtures	10
Cooperating organizations	Back cover	F. Notes on the use of accelerating, retarding or water-reducing admixtures	11
Specification		Tables	
1. Scope	2	1(a). Performance requirements and tests for test mix concrete A	3
2. References	2	1(b). Performance requirements and tests for test mix concrete B	3
3. Definitions	2	2. Admixture uniformity test requirements	4
4. Sampling	2	3. Fine aggregate grading limits	7
5. Performance requirements	2	4. Approximate quantities of concrete required for each admixture acceptance test on a batch	11
6. Admixture uniformity tests and requirements	2	5. Example of experimental data for the determination of the chloride ion content of an admixture.	
7. Information to be provided by the manufacturer	4	Figures	
8. Manufacturer's compliance certificate	4	1. Example of potentiometric titration of chloride with silver nitrate solution using silver and calomel electrodes	11
9. Manufacturer's storage certificate	5	2. Typical relationship between compacting factor, penetration resistance (stiffening time) and time, indicating temperature effects (cement content: 300 kg/m ³)	13
10. Marking	5		
Appendices			
A. Methods of sampling admixtures	6		
B. Preparation of concrete for admixture acceptance tests	6		
C. Admixture acceptance tests on the control mix and test mix concretes	7		
D. Admixture uniformity tests	8		

