



## CEMENT ADMIXTURES ASSOCIATION

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*the Sign of Quality*

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### ADMIXTURE INFORMATION SHEET AIS 5

### ADMIXTURE REFERENCE & BIBLIOGRAPHY

#### ADMIXTURE STANDARDS:

**BS EN 934-2: 1998 (A1 2004)**

Admixtures for concrete, mortar and grout; Concrete admixtures.

**BS EN 934-3: 2003**

Admixtures for concrete, mortar and grout; Admixtures for masonry mortar.

**BS EN 934-4: 2001**

Admixtures for concrete, mortar and grout; Grout admixtures.

**BS EN 934-6: 2000(A1 2005)**

Admixtures for concrete, mortar and grout; Sampling, conformity control, evaluation of conformity, marking and labelling.

**BS 8443:2005**

Specification for establishing the suitability of special purpose concrete admixtures

**BS 5075:part 1: 1982**

Concrete Admixtures: Specification for accelerating admixtures, retarding admixtures and water reducing admixtures.

**BS 5075:part 2: 1982**

Concrete Admixtures: Specification for air entraining admixtures.

**BS 5075:part 3: 1985**

Concrete Admixtures: Specification for superplasticizing admixtures.

**BS 4887:part 1: 1986**

Mortar Admixtures: Specification for air entraining (plasticizing) admixtures.

**BS 4887:part 2: 1987**

Mortar Admixtures: Specification for set retarding admixtures.

**ASTM C 494**

Standard Specification for Chemical Admixtures for Concrete.

**BS 6920-1& 2 2000**

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water

#### ADMIXTURE TECHNOLOGY:

**Water-reducing admixtures in concrete:**

BRE Information Paper IP 15/00

**A Guide to the Selection of Admixtures:**

Concrete Society TR 18

**Cement Admixtures: Use and Application:**

CAA ISBN 0-582-02099-9

**Chemical Admixtures for Concrete:**

Rixom ISBN 0-419-22520-X

**Applications of Admixtures in concrete:**

Paillere ISBN 0-419-19960-8

**Concrete Admixtures Handbook:**

Ramachandran 0-8155-1379-9

**Superplasticisers & Other Chemical Admixtures:**

CANMET/ACI Rome 97 ACI SP-173

**Lea's Chemistry of Cement & Concrete:**

Hewlett ISBN 0-340-56589-6 or 0-470-24416X

#### SPECIALIST CONCRETING

#### APPLICATIONS:

**Design of High Strength Concrete:**

Concrete Society TR 49

**Polymers in Concrete:**

Concrete Society TR 39

**Underwater Concrete:**

Concrete Society TR 35

**Concrete Industrial Ground Floors:**

Concrete Society TR 34

**Permeability:**

Concrete Society TR 31

**Pumping Concrete:**

Concrete Society CSO 12

**Use of Readymix Concrete:**

Concrete Society CSO 51

**Guidance on specification, mix design and production of concrete for industrial floors:**

Concrete Society Good Concrete Guide 1

**Pumping concrete:**

Concrete Society Good Concrete Guide 2

**Freeze Thaw Resisting Concrete:**

CIRIA RP 516/3

#### Information on Admixtures:

For general information on admixtures contact:

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*This information is provided for guidance only. CAA cannot accept responsibility for its practical application.*

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