Central Data Bank List of Building Materials

A. General

Department:	Buildings
Type of building material:	Concrete admixtures
Applications:	For modifying the workability, rate of stiffening or hardening of concrete

B. Acceptance criteria

Testing standards:

Testing of concrete admixtures should be in accordance with BS 5075 or other equivalent standards.

Conditions of Acceptance:

- Concrete admixtures shall comply with Building (Construction) Regulation 53 and should satisfy BS 5075.
- Application of a concrete admixture shall be strictly in accordance with the manufacturer's specifications/recommendations.

Ref. No.	Product Name	Name of Manufacturer	Material Category	Compliance Testing		Details of Test or A		Date of Posting	Remarks / Comments	
				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 001	Conplast RP 264	Fosroc Construction Chemicals	Retarding water-reducing admixture	BS 5075: Part 1: 1974	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/0299/84	January 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 002	Conplast R	Fosroc Construction Chemicals	Retarding water-reducing admixture	BS 5075: Part 1: 1974	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/0299/84	January 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 003	Conplast 211	Fosroc Construction Chemicals	Normal water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/3699/84	August 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 004	Conplast P 509	Fosroc Construction Chemicals	Retarding water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R3698/84	August 1984	18/01/2005	No-objection letter issued in 1984. Dosage used should be at least 0.3 litre per 100kg of cement, the retarding effect at lower dosages should be ascertained by practical site trials, at ambient temperatures and with the actual cements to be used.

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				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 005	Conplast 430	Fosroc Construction Chemicals	Normal water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/8481/85	August 1985	18/01/2005	No-objection letter issued in 1985.
BD-CA 006	Cormix P4	Cormix Construction Chemicals Pte Ltd.	Normal water-reducing admixture	BS 5075: Part 1: 1982	N/A	Testing Services Limited. Northwest Area Laboratory	1635/16	September 1989	18/01/2005	No-objection letter issued in 1991.
BD-CA 007	Cormix SP1	Cormix Ltd	Superplasticizing admixture	BS 5075: Part 3	N/A	Testing Services Limited Lancashire/Cheshire Laboratory	20111/16	August 1987	18/01/2005	No-objection letter issued in 1989.
BD-CA 008	Cormix Waterproofer W4	Cormix Construction Chemicals pte Ltd.	Normal water-reducing admixture	BS 5075: Part 1: 1982	N/A	Testing Services Limited Northwest Area Laboratory	2511/55	September 1989	18/01/2005	No-objection letter issued in 1992.
BD-CA 009	Daracem	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/78/0001/CDM/ R	February 1978	18/01/2005	No-objection letter issued in 1983.

Ref. No.	Product Name	Name of Manufacturer	Material Category	Compliance Testing Standard		Details of Test or		Date of Posting on CDB	5	
					Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 010	Daratard 17	W.R. Grace (Hong Kong) Ltd.	Retarding water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/3967/84	August 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 011	Daratard 17D	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/78/0003/CDM/ R(A)	May 1978	18/01/2005	No-objection letter issued in 1980.
BD-CA 012	Daratard	W.R. Grace (Hon g Kong) Ltd.	Retarding water-reducing admixture	BS 5075: Part 1: 1982	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/CT/90/0040	May 1990	18/01/2005	No-objection letter issued in 1990.
BD-CA 013	Daratard 17DS	W.R. Grace (Hong Kong) Ltd.	Retarding water-reducing admixture	BS 5075: Part 1: 1982	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/CL/90/0090	April 1990	18/01/2005	No-objection letter issued in 1990.
BD-CA 014	Daratard-88	W.R. Grace (Hong Kong) Ltd.	Retarding water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/4006/84	August 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 015	Darex HS	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/82/0009/CDM/ R	August 1982	18/01/2005	No-objection letter issued in 1982.

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				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 016	Darex WRDA-88	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/82/0008/CDM/ R	July 1982	18/01/2005	No-objection letter issued in 1982.
BD-CA 017	Daracem – 100	W.R. Grace (Hong Kong) Ltd.	Normal water-reducing, superplasticizing admixture	BS 5075: Part 1, BS 5075: Part 3: 1985	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/0550/84, MTL/R/14088/86	February 1984, April 1986	18/01/2005	No-objection letters issued in 1984 and 1993.
BD-CA 018	Diamond FDN-M100	Guangdong Engineering Consultant Co.	Water-reducing admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/83/0002/CDM/ R	November 1983	18/01/2005	No-objection letter issued in 1984.
BD-CA 019	Diamond FDN-M500	Guangdong Engineering Consultant Co.	Water-reducing admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/83/0002/CDM/ R	November 1983	18/01/2005	No-objection letter issued in 1984.
BD-CA 020	Diamond FDN-HF	Guangdong Engineering Consultant Co.	Water-reducing admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/83/0002/CDM/ R	November 1983	18/01/2005	No-objection letter issued in 1984.
BD-CA 021	Darex Super-20	W.R. Grace (Hong Kong) Ltd.	Normal water-reducing, superplasticizing admixture	BS 5075: Part 1, BS 5075: Part 3: 1985	N/A	Geotechnics & Concrete Engineering (HK) Ltd. Engineering Materials Research & Laboratories Ltd.	GCE/84/0018/CDM/ R MTL/R/14668/86	August 1984 April 1986	18/01/2005	No-objection letters issued in 1984 and 1993.

Ref. No.	Product Name	Name of Manufacturer	Material er Category	· · · · · · · · · · · · · · · · · · ·		Details of Test or A	Assessment Report		Date of Posting	g
					Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 022	Superplastet F, G & SR of Everdure Caltite; Everdure Caltite 'R' System	Cementaid (SEA) Pte. Ltd.	Superplasticizing admixture	Draft Singapore Standard 118/2/68, BS 5075: Part 3: 1985	N/A	R.A.K. Materials Consultants Pte. Ltd.	1758.1, 1758.2, 1758.3	February 1987	18/01/2005	No-objection letter issued in 1990.
BD-CA 023	Hydratite WR Liquid	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/81/0003/CDM/ R	May 1981	18/01/2005	No-objection letter issued in 1981.
BD-CA 024	Melment F10 & L10	SKW Trostberg A.G	Concrete admixture	BS 1881: 1970, BS 5075: Part 1	N/A	Messrs. Sandberg Consulting, Inspecting and Testing Engineers	A426F, A426F/1	February 1975	18/01/2005	No-objection letter issued in 1983.
BD-CA 025	Mighty FD-700	Kao Corporation	Retarding water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/6077/84	November 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 026	Mighty-150	Kao Corporation	Normal water-reducing admixture	BS 5075: Part 1: 1982	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/84/0021A/CD M/R	February 1985	18/01/2005	No-objection letter issued in 1985.
BD-CA 027	NL-4000	Nisso Master Builders Co., Ltd.	Water-reducing admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/83/0001/CDM/ R	October 1983	18/01/2005	No-objection letter issued in 1984.

Ref. No.	Product Name	Name of Manufacturer	Material Category	Compliance Testing Standard		Details of Test or		Date of Posting	g	
					Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 028	NP-20R	Nisso Master Builders Co., Ltd.	Normal water-reducing admixture	BS 5075: Part 1: 1982	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/84/0006/CDM/ R	April 1984	18/01/2005	No-objection letters issued in 1984.
BD-CA 029	Neo Pozzolith 12R (NP-12R)	Sandoz Master Builders Ltd.	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/86/0052/CDM/ R	November 1986	18/01/2005	No-objection letter issued in 1987.
BD-CA 030	Pozzolith 80	Master Builders Technologies (H.K.) Ltd.	Water reducing admixture	BS 5075: Part 1: 1982	N/A	Engineering Materials Research & Laboratories Ltd.	CN/0288/87, 942247CH51140(2)	September 1987 January 1996	18/01/2005	No-objection letter issued in 1996.
BD-CA 031	Pozzolith 748ME	Nisso Master Builders Co., Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Concrete Services Ltd.	N/A	September 1980	18/01/2005	No-objection letter issued in 1980.
BD-CA 032	Pozzolith 300R	Nisso Master Builders Co., Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Concrete Services Ltd.	N/A	September 1980	18/01/2005	No-objection letter issued in 1980.
BD-CA 033	Pozzolith 322N	Nisso Master Builders Co., Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Concrete Services Ltd.	N/A	September 1980	18/01/2005	No-objection letter issued in 1980.

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				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 034	Pozzolith 84	Sandoz Master Builders Ltd.	Water-reducing admixture	BS 5075: Part 1: 1982	N/A	Hong Kong Testing Co., Ltd.	C/674/87(TS-58)	November 1987	18/01/2005	No-objection letter issued in 1988.
BD-CA 035	Rheobuild 561	Modern Advanced Concrete (HK) Ltd.	Concrete admixture	BS 5075: Part 3: 1985	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/11829/86	January 1986	18/01/2005	No-objection letters issued in 1986.
BD-CA 036	Rheobuild 1000	Sandoz Master Builders Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Engineering Materials Research & Laboratories Ltd.	CN/0966/88	1988	18/01/2005	No-objection letter issued in 1989.
BD-CA 037	Rheobuild 1100	Master Builders Technologies (HK) Ltd.	Non-retarded superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	MS0247	January 1993	18/01/2005	No-objection letter issued in 1993.
BD-CA 038	Rheobuild 716	Sandoz Master Builders Ltd.	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Engineering Materials Research & Laboratories Ltd.	CN/1612/88	1989	18/01/2005	No-objection letter issued in 1989.
BD-CA 039	Rheomac 788	Master Builders Technologies (H.K.) Ltd.	Waterproofing admixture	BS 5075: Part 1: 1982	N/A	Engineering Materials Research & Laboratories Ltd.	CN/0288/87, 942247CH50932	September 1987 November 1995	18/01/2005	No-objection letter issued in 1996.

Ref. No.	Product Name	Name of Manufacturer		Compliance Testing		Details of Test or A		Date of Posting	ng	
				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 040	Sika Plastocrete N	Sika Hongkong Ltd.	Waterproofing and normal water reducing admixture	BS 5075: Part 1: 1982	N/A	Laing Technology Group Limited	CT8361	August 1990	18/01/2005	No-objection letter issued in 1992.
BD-CA 041	Sika Plastiment VZ	Sika Hongkong Ltd.	Retarding water reducing admixture	BS 5075: Part 1: 1982	N/A	John Laing Research and Development Ltd.	CT.136	September 1982	18/01/2005	No-objection letter issued in 1992.
BD-CA 042	Sikament-R4	Sika Hongkong Ltd.	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	HOKLAS N/A	MateriaLab Ltd. Quality Control Consultants Ltd.	930315c30311 MS0425	June 1993 July 1993	18/01/2005	No-objection letter issued in 1993.
BD-CA 043	Sikament-NN	Sika Hongkong Ltd.	Superplasticizer admixture	BS 5075: Part 3: 1985	N/A HOKLAS	Quality Control Consultants Ltd. MateriaLab Ltd.	MS0471 930315c30432A	September 1993 August 1993	18/01/2005	No-objection letter issued in 1993.
BD-CA 044	Tricosal Acosal Fluid	Tricosal (H.K.) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/80/0001/CDM/ R	February 1980	18/01/2005	No-objection letters issued in 1980. The effects of admixtures on other properties or on special concretes are not covered and should be the subject of assurance from the vendor.

Ref. No.	Product Name	Name of Manufacturer	Material Category	Compliance Testing Standard		Details of Test or A	Assessment Report		Date of Posting	Remarks / Comments
				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 045	Tricosal BVD	Tricosal (H.K.) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/80/0001/CDM/ R	February 1980	18/01/2005	No-objection letter issued in 1980. The effects of admixtures on other properties or on special concretes are not covered and should be the subject of assurances from the vendor.
BD-CA 046	Tricosal Ecosal	Tricosal (H.K.) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/80/0001/CDM/ R	February 1980	18/01/2005	No-objection letter issued in 1980. The effects of admixtures on other properties or on special concretes are not covered and should be the subject of assurances from the vendor.
BD-CA 047	Tricosal Normal	Tricosal (H.K.) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/80/0001/CDM/ R	February 1980	18/01/2005	No-objection letter issued in 1980. The effects of admixtures on other properties or on special concretes are not covered and should be the subject of assurances from the vendor.

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				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 048	Tricosal VZ020D	Tricosal (H.K.) Ltd.	Water reducing and retarding concrete admixture	BS 5075: Part 1	N/A	Sandberg Consulting, Inspecting and Testing Engineers	L/375/F	November 1979	18/01/2005	No-objection letter issued in 1980.
BD-CA 049	WRDA	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974, ASTM C494	N/A	Northeastern University, Boston	N/A	February 1963	18/01/2005	No-objection letter issued in 1980.
BD-CA 050	WRDA with HYCOL	W.R. Grace (Hong Kong) Ltd.	Concrete admixture	BS 5075: Part 1: 1974	N/A	Geotechnics & Concrete Engineering (HK) Ltd.	GCE/82/0012/CDM/ R	August 1982	18/01/2005	No-objection letter issued in 1982.
BD-CA 051	Work 500	Nippon Zeon Co. Ltd.	Retarding water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/IR/015/84/FK	July 1984	18/01/2005	No-objection letter issued in 1984.
BD-CA 052	WRDA LP40	W.R. Grace (Hong Kong) Ltd.	Normal water-reducing admixture	BS 5075: Part 1	N/A	Engineering Materials Research & Laboratories Ltd.	MTL/R/4007/84	August 1984	18/01/2005	No-objection letter issued in 1984.

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				Standard	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 053	'Darex Super 100' which is also known as 'Super 100P'.	W.R. Grace (HK) Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	MateriaLab Limited	980072CN80597	Test dates are available but not the report date.	28/04/2005	
BD-CA 054	KFDN	Dong Guan FDN Construction Materials Co., Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	MateriaLab Limited	962364CN80654	Test dates are available but not the report date.	28/04/2005	
BD-CA 055	'Glenium SP-8S' which is also known as 'Rheobuild SP-8S'	Degussa Construction Chemicals (Hong Kong) Ltd.	Non-retarding water reducing superplasticiser admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L514	4 August 1998	28/04/2005	
BD-CA 056	Sikament 1250NT	Sika Japan	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L773	6 June 2002	03/08/2005	
BD-CA 057	WRDA 89	W.R. Grace (HK) Ltd.	Normal water reducing admixture	BS 5075: Part 1: 1982	N/A	Fugro Technical Services Limited	991123CN30376	Report certified on 7 October 2003.	03/08/2005	
BD-CA 058	ADVA 108	W.R. Grace (HK) Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Fugro Technical Services Limited	990824CN30406	Report certified on 10 September 2003.	03/08/2005	
BD-CA 059	ADVA 109	W.R. Grace (HK) Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	MateriaLab Limited	990824CN20036	Report certified on 20 March 2002.	26/10/2005	
BD-CA 060	Mira RT69	W.R. Grace (HK) Ltd.	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	SAC-SINGLAS	AL Technologies (S) Pte Ltd.	CBL/818/99	15 September 1999	26/10/2005	

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					Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	on CDB	
BD-CA 061	Glenium B211	Degussa Construction Chemicals (Hong Kong) Ltd.	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L884	23 April 2004	03/02/2006	
BD-CA 062	Glenium ACE 80	Degussa Construction Chemicals Singapore Pte Ltd.	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L863 L863A	18 December 2003 14 October 2005	03/02/2006	
BD-CA 063	KFDN-100	Dong Guan FDN Construction Materials Co., Ltd.	Retarding water reducing admixture	BS 5075: Part 1: 1982	N/A	MateriaLab Limited	962472CN60866A	Report certified on 24 April 1997.	03/02/2006	
BD-CA 064	Sikament 1100NT	Sika Addiment	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L897	24 June 2004	22/01/2007	
BD-CA 065	Rheoplus 27R	BASF China Limited	Retarding superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L1013	1 June 2007	22/02/2010	
BD-CA 066	Cementaid 3CC	Cementaid (HK) Ltd	Waterproofing admixture	BS 5075: Part 1: 1982	N/A	Quality Control Consultants Ltd.	AM4783-C1	14 September 2009	3/5/2010	
BD-CA 067	Pozzolith 311RD	BASF China Limited	Retarding type water reducing admixture	BS 5075: Part 1: 1982	N/A	Quality Control Consultants Ltd.	CMA70263 AM4968-C	8 September 1997 1 March 2010	3/5/2010	
BD-CA 068	Glenium C330	BASF China Limited	Superplasticizing admixture	BS 5075: Part 3: 1985	N/A	Quality Control Consultants Ltd.	L866-A1 AM3608-CA1	19 March 2010 19 March 2010	3/5/2010	