APPROVED SOURCES
WATER REDUCING ADMIXTURES

BRAND NAME	PRODUCER/DISTRIBUTOR	DOSAGE, fl. oz/100 lb. of Cementitious Materials	
		Typical	Range
	Normal Water Reducers		
#1920 Auger Aid	SPECCO Industries	8.0	8.0 -16.0
Catexol 800 N	AXIM Concrete Technologies	3.0	2.0 - 6.0
Catexol 1000 N#	AXIM Concrete Technologies	1.5	1.5 - 3.5
Duraflux 33	AXIM Concrete Technologies	1.0	1.0 - 5.0
EcoFlo Green	Premiere Concrete Admixtures	1.5	1.5 - 10.0
Eucon WR	Euclid Chemical Company Distributed by Brett Admixtures	2.0	2.0 - 10.0
Eucon WR-75	Euclid Chemical Company Distributed by Brett Admixtures	3.0	2.0 - 3.0
Eucon WR-91	Euclid Chemical Company Distributed by Brett Admixtures	3.0	2.0 - 10.0
Fluid Optima 256	Chryso, Inc.	2.0	2.0 - 9.0
Glenium 3030 NS	BASF Construction Chemicals	2.0	1.0 - 3.0
LC-400P	RussTech, Inc.	3.0	3.0 - 5.0
NCA (Pre-packed dry powder)	Fritz-Pak Corporation	1 - 3% by cement weight	
OptiFlo 50	Premiere Concrete Admixtures	3.0	3.0 - 8.0
OptiFlo 500	Premiere Concrete Admixtures	2.0	2.0 - 4.0
Pavex	AXIM Concrete Technologies	2.0	2.0 - 8.0
Plastocrete 100	Sika Corporation	2.0	2.0 - 6.0

WATER REDUCING ADMIXTURES (Continued)

BRAND NAME	PRODUCER/DISTRIBUTOR	DOSAGE, fl. oz/100 lb. of Cementitious Materials	
		Typical	Range
	Normal Water Reducers (Continued)		
Plastocrete-10N#	Sika Corporation	1.5	1.5 - 3.5
Plastocrete 161#	Sika Corporation	2.0	2.0 - 4.0
Plastocrete-80	Sika Corporation	3.0	2.0 - 6.0
Polychem 1000	General Resource Tech.	3.0	3.0 - 6.0
Polychem 3000	General Resource Tech.	2.0	2.0 - 3.0
Polychem 400 NC	General Resource Tech.	3.0	3.0 - 5.0
Polychem 775	General Resource Tech.	2.0	2.0 - 3.0
KB-1000	General Resource Tech.	3.0	3.0 - 8.0
KB-1200	General Resource Tech.	3.0	3.0 - 8.0
Polychem Paver Plus	General Resource Tech.	2.0	2.0 - 8.0
Pozzolith 80#	BASF Construction Chemicals	3.0	3.0 - 6.0
Pozzolith 200 N#	BASF Construction Chemicals	3.0	3.0 - 4.0
Pozzolith 322 N#	BASF Construction Chemicals	3.0	3.0 - 5.0
Pozzolith 700 N	BASF Construction Chemicals	3.0	3.0 - 5.0
PS 1466	BASF Construction Chemicals	2.0	2.0 - 10.0
SDPA-12	Brett Admixtures	3.0	3.0 - 5.0
Sikament 686	Sika Corporation	3.0	3.0 - 12.0
UltraFlo 2000	Premiere Concrete Admixtures	2.0	2.0 - 3.0
WRDA 82	W.R. Grace & Company	3.5	3.5 - 5.0
WRDA Pave 18	W.R. Grace & Company	3.5	3.5 - 5.0
WRDA with Hycol#	W.R. Grace & Company	3.0	3.0 - 5.0

WATER REDUCING ADMIXTURES (Continued)

BRAND NAME	PRODUCER/DISTRIBUTOR	DOSAGE, fl. oz/100 lb. of Cementitious Materials	
		Typical	Range
Mid-Range Water Reducers			
Based on manufacturer's recommendation, mid-range water reducers may also be used as normal water reducer at different rate.			
Catexol 2000 Ni	Axim Concrete Technologies	3.0	3.0 - 12.0
Catexol 3000GP^	Axim Concrete Technologies	2.0	2.0 - 12.0
Catexol 3500N	Axim Concrete Technologies	3.0	3.0 - 20.0
Catexol Hydrosense	Axim Concrete Technologies	2.0	2.0 - 12.0
Fluid Optima 256	Chryso, Inc.	3.0	3.0 - 7.0
Daracem 65	W.R. Grace & Company	3.0	3.0 - 9.0
Duraflux 77^	Axim concrete Technologies	1.0	1.0 - 4.0
Eucon MR	Euclid Chemical Company Distributed by Brett Admixtures	7.0	4.0 - 15.0
FinishEase-NC	RussTech, Inc.	3.0	3.0 - 12.0
Glenium 3030 NS	BASF Construction Chemicals	4.0	3.0 - 6.0
Glenium 7500	BASF Construction Chemicals	2.0	2.0 - 3.0
KB-1000	General Resource Technologies	3.0	3.0 - 8.0
KB-1200	General Resource Technologies	3.0	3.0 - 12.0
MIRA 62^	W.R. Grace & Company	4.0	2.5 - 9.0
MIRA Pave 11	W.R. Grace & Company	6.0	6.0 - 9.0
OptiFlo MR	Premiere Concrete Admixtures	4.0	4.0 - 12.0
OptiFlo Plus	Premiere Concrete Admixtures	5.0	5.0 - 10.0
Polychem 775	General Resource Tech.	3.0	3.0 - 6.0

Polychem 3000	General Resource Tech.	4.0	3.0 - 6.0
Polyheed 900	BASF Construction Chemicals	3.0	3.0 - 15.0
Polyheed 997	BASF Construction Chemicals	3.0	3.0 - 15.0
Polyheed 1020	BASF Construction Chemicals	3.0	3.0 - 12.0
Polyheed 1025^	BASF Construction Chemicals	3.0	3.0 - 12.0
Polyheed 1720	BASF Construction Chemicals	3.0	3.0 - 12.0
Polyheed 1725	BASF Construction Chemicals	3.0	3.0 - 12.0
Sikaplast 200	Sika Corporation	3.0	3.0 - 12.0
Sikaplast 300GP^	Sika Corporation	2.0	2.0 - 12.0
Sikaplast 500	Sika Corporation	3.0	3.0 - 12.0
Sikament AFM	Sika Corporation	5.0	5.0 - 12.0
UltraFlo 2000	Premiere Concrete Admixtures	3.0	3.0 - 6.0
ViscoCrete 1000	Sika Corporation	3.0	3.0 - 6.0

*Rates above are for concrete pavement. When higher slump is required for other work, such as patching, and other structural applications, rates shall be adjusted per manufacturer's recommendation.

^For HPC-O, these mid-range water reducers can be used without retarding admixtures. All other mid-range water reducers shall be used in conjunction with a retarder.

#These brands are also listed as water reducing and retarding admixtures in Appendix G. A higher dosage is normally needed for retarding purpose.