

**APPROVED SOURCES
 WATER REDUCING ADMIXTURES**

CONCRETE PAVEMENT

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>RECOMMENDED MIN. DOSAGE</u>	
		<u>mL/kg cementitious materials</u>	<u>fl. oz./100 lb. cementitious materials</u>
<u>Normal Water Reducers</u>			
#1920 Auger Aid	SPECCO Industries	5.2	8.0
Catexol 800 N	AXIM Concrete Technologies	2.0	3.0
Catexol 1000N	AXIM Concrete Technologies	1.3	2.0
Duraflux 33	AXIM Concrete Technologies	0.7	1.0
Eucon WR	Euclid Chemical Company Distributed by Brett Admixtures	2.6	4.0
Eucon WR-75	Euclid Chemical Company Distributed by Brett Admixtures	2.0	3.0
Eucon WR-91	Euclid Chemical Company Distributed by Brett Admixtures	2.0	3.0
FinishEase NC	RussTech, Inc.	3.3	5.0
Glenium 3000 NS	BASF Admixtures, Inc.	2.6	4.0
Glenium 3030 NS	BASF Admixtures, Inc.	3.9	6.0
Glenium 3200 HES	BASF Admixtures, Inc.	1.3	2.0
LC-400	RussTech, Inc.	2.6	4.0
LC-400P	RussTech, Inc.	3.3	5.0
LC-500R	RussTech, Inc.	2.0	3.0
Master Pave	BASF Admixtures, Inc.	3.3	5.0
Master Pave ⁺	BASF Admixtures, Inc.	2.6	4.0

CONCRETE PAVEMENT (Continued)

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>RECOMMENDED MIN. DOSAGE</u>	
		<u>mL/kg cementitious materials</u>	<u>fl. oz./100 lb. cementitious materials</u>
<u>Normal Water Reducers (Continued)</u>			
Master Pave N	BASF Admixtures, Inc.	1.3	2.0
Master Pave RI	BASF Admixtures, Inc.	1.3	2.0
NCA	Fritz-Pak Corporation	1% by weight of cement*	
Plastocrete 161	Sika Corporation Dist. by Contractors Steel Corp.	2.0	3.0
Plastocrete 169	Sika Corporation	2.6	4.0
Polychem 1000	General Resource Tech.	2.0	3.0
Polychem 400 NC	General Resource Tech.	2.0	3.0
Polychem KB-1000	General Resource Tech.	2.0	3.0
Polychem Paver Plus	General Resource Tech.	1.3	2.0
Pozzolith 200N	BASF Admixtures, Inc.	2.0	3.0
Pozzolith 220N	BASF Admixtures, Inc.	2.0	3.0
Pozzolith 322 N	BASF Admixtures, Inc.	1.6	2.5
PS 1466	BASF Admixtures, Inc.	1.3	2.0
Sikament 686	Sika Corporation	2.0	3.0
WRDA-82	W.R. Grace & Company	2.3	3.5
WRDA with Hycol	W.R. Grace & Company	2.0	3.0

*Dry powdered admixture pre-packed in water-soluble bag.

CONCRETE PAVEMENT (Continued)

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>RECOMMENDED MIN. DOSAGE*</u>	
		<u>mL/kg cementitious materials</u>	<u>fl. oz./100 lb. cementitious materials</u>
<u>Mid-range Water Reducers</u>			
Based on manufacturer's recommendation, mid-range water reducers may also be used as normal water reducer at different rate.			
CATEXOL 3000GP	Axim Concrete Technologies	1.3	2.0
Catexol Hydrosense	Axim Concrete Technologies	1.3	2.0
Daracem-65	W.R. Grace & Company	2.0	3.0
Duralflex 77	Axim concrete Technologies	0.7	1.0
Eucon MR	Euclid Chemical Company Distributed by Brett Admixtures	4.6	7.0
MIRA 62	W.R. Grace & Company	2.6	4.0
Polyheed 900	BASF Admixtures, Inc.	2.0	3.0
Polyheed 997	BASF Admixtures, Inc.	2.0	3.0
Polyheed 1020	BASF Admixtures, Inc.	2.0	3.0
Polyheed 1025	BASF Admixtures, Inc.	2.0	3.0
Polyheed 1725	BASF Admixtures, Inc.	2.0	3.0
Sikament HP	Sika Corporation	3.3	5.0
Sikaplast 500	Sika Corporation	2.0	3.0

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

BRIDGE FLOOR REPAIR, OVERLAY (Class O), & RESURFACING

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>RECOMMENDED MIN. DOSAGE</u>	
		<u>mL/kg cementitious materials</u>	<u>fl. oz./100 lb. cementitious materials</u>
Eucon WR-91	Euclid Chemical Company Distributed by Brett Admixtures	2.0	3.0
Finish Ease NC	RussTech, Inc.	3.3	5.0
LC-400	RussTech, Inc.	2.0	3.0
LC-400P	RussTech, Inc.	2.6	4.0
LC-500R	RussTech, Inc.	2.0	3.0
Master Pave	BASF Admixtures, Inc.	3.3	5.0
Master Pave RI	BASF Admixtures, Inc.	1.3	2.0
Plastocrete 161	Sika Corporation Dist. by Contractors Steel Corp.	2.0	3.0
WRDA-82	W.R. Grace & Company	2.3	3.5
WRDA with Hycol	W.R. Grace & Company	2.0	3.0

***NOTE:** When concrete mobile mixer is used for bridge deck overlay, use same dosage rate per sack of cement.